

“Though hundreds of thousands had done their very best to disfigure the small piece of land on which they were crowded together, by paving the ground with stones, scraping away every vestige of vegetation, cutting down the trees, turning away birds and beasts, and filling the air with the smoke of naphtha and coal, still spring was spring, even in the town.

The sun shone warm, the air was balmy; everywhere, where it did not get scraped away, the grass revived and sprang up between the paving-stones as well as on the narrow strips of lawn on the boulevards. The birches, the poplars, and the wild cherry unfolded their gummy and fragrant leaves, the limes were expanding their opening buds; crows, sparrows, and pigeons, filled with the joy of spring, were getting their nests ready; the flies were buzzing along the walls, warmed by the sunshine. All were glad, the plants, the birds, the insects, and the children. But men, grown-up men and women, did not leave off cheating and tormenting themselves and each other. It was not this spring morning men thought sacred and worthy of consideration not the beauty of God's world, given for a joy to all creatures, this beauty which inclines the heart to peace, to harmony, and to love, but only their own devices for enslaving one another...”

[Tolstoy,L.,1899, Resurrection; transl. L.Maude].



# List of the two thousand species of pterygot insects in Van province (East Turkey) (Results of the entomofauna project of Turkey - 7) <sup>1</sup>

Ahmet Ömer Koçak   Muhabbet Kemal

In the year of 2008, the Project “Entomofauna of Turkey” was begun privately. The main aim was to compile the hitherto recorded taxa of pterygot insects in Turkey. For this purpose, 24 pterygot orders in Turkey, their family -, genus – and species group taxa have been studying by the authors. Results of the fields studies have also been evaluating to some degree. Six reports of the temporary results were published so far. In these reports, not only the previously published information by other native or foreign authors were compiled, updated taxonomical or nomenclatural cases of the taxa, but also numerous new records to the provincial or country fauna were added. Unfortunately, there is no similar studying program, having such a perspective to the fauna of Turkey currently.

Total number of the pterygot insect species of Turkey was reported by the authors on 8 January 2011 as “17629”.<sup>2</sup> Whereas the current number reaches to **19492**. Van, from the faunistical standpoint, is one of the little studied provinces of Turkey. Several years ago, the total pterygot fauna of this province was less than thousand species. Today, exact number of the species reached to 2000 species; among them, several hundred records belong to the field studies of the present authors. Expected number of species is around 5000 in the province.

In the present paper, only the synonymical list of the species is given alphabetically together with their families, under the studied orders. Totally 16 orders are illustrated here representatively from various places of Van Province. These are as follows; Ephemeroptera, Plecoptera, Odonata, Mantodea, Dermaptera, Phasmida, Orthoptera, Hemiptera, Homoptera, Planipennia, Trichoptera, Mecoptera, Lepidoptera, Diptera, Hymenoptera and Coleoptera. Planned further faunistical studies in the province, such as Artos Mountain, Çatak, etc. will be published separately.

The symbol # denotes the unavailable names in the list below. All the species are identified by the authors, unless otherwise is stated. All the photographs are taken by the second author specially for this research and preserved in Cesa Archive. All the collected material are preserved in the Cesa Collection.

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<sup>1</sup> Previous issues of this series are as follows: **Koçak,A.Ö. et al., 2008**, Entomofauna of Turkey. Report of the Entomofauna of Turkey-I. Cesa News 36: 13-25; **Koçak,A.Ö., Kemal,M., Özdemir,M. & I. Özdemir, 2008**, Report on the “Entomofauna of Turkey” 2- Index of the recorded species of the Pterygot Insects of Turkey. Cesa News 37: 2-41, 1 fig.; **Koçak,A.Ö., Kemal,M., Özkol,H. & L.Kayci, 2009**, Report on the “Entomofauna of Turkey” 3- Revised and expanded index of the recorded genera and species of the Pterygot Insects of Turkey. - Cesa News 40: 12- 83, 1 fig.; **Koçak,A.Ö. & M.Kemal, 2009**, Report on the “Entomofauna of Turkey” 4- Revised and expanded index of the species of the Pterygot Insects of Turkey. - Cesa News 41: 4-46, 2 figs.; **Koçak,A.Ö. & M.Kemal, 2009**, Report on the “Entomofauna of Turkey” 5- Revised and expanded index of the species of the Pterygot Insects of Turkey. - Cesa News 42: 1-38, 9 figs.; **Koçak,A.Ö. & M.Kemal, 2009**, Results of the Entomofauna Projects of the Cesa 6- List of the 11132 pterygot insect species of Turkey hitherto recorded in the database of the Cesa. Cesa News 47: 47-197.

<sup>2</sup> <http://www.cesa-tr.org/numbertr.htm>

## Ephemeroptera

For the time being, only some field observations have been made by the authors in the province, so far. Selected images (**Figs. 1-3**) are given below.



**Figs. 1-3.** Top from Başet Mountain (Van, Gürpınar) 24 6 2010; bottom left and right (nymph) from Çatak (Van), 1500m, 6 3 2010, M Kemal (Cesa)



**Plecoptera**

In Turkey totally 81 species have been recorded by the authors based upon the literary sources. Some field observations especially in the early spring have been realized or collected some specimens by the authors in the province (**Fig.4**). No specific identification has been made so far.



**Fig. 4** - Adult stonefly from Van Province, north of Çatak 1700m, 6 3 2010, M Kemal (Cesa)

**Odonata**

Totally 114 species in Turkey have been reported by the authors. In the province, 25 species are listed below (Fig.5).

1. **Aeshna affinis** Van Der Linden,1820 (Aeshnidae) Synonym(s): *affinis* Van Der Linden,1820
2. **Aeshna serrata** (Hagen,1856) (Aeshnidae) Synonym(s): *serrata* Hagen,1856
3. **Anax imperator** Leach,1815 (Aeshnidae) Synonym(s): *imperator* Leach,1815
4. **Calopteryx intermedia** Selys,1887 (Calopterygidae) Synonym(s): *intermedia* Selys,1887
5. **Epallage fatime** (Charpentier,1840) (Calopterygidae) Synonym(s): *fatime* Charpentier,1840
6. **Coenagrion ornatum** (Selys,1850) (Coenagrionidae) Synonym(s): *ornatum* Selys,1850
7. **Coenagrion scitulum** (Rambur,1842) (Coenagrionidae) Synonym(s): *scitulum* Rambur,1842
8. **Coenagrion syriacum** (Morton,1924) (Coenagrionidae) Synonym(s): *syriacum* Morton,1924
9. **Enallagma cyathigerum** (Charpentier,1840) (Coenagrionidae) Synonym(s): *cyathigerum* Charpentier,1840
10. **Ischnura elegans** (Van Der Linden,1820) (Coenagrionidae) Synonym(s): *elegans* Van Der Linden,1820
11. **Ischnura pumilio** (Charpentier,1825) (Coenagrionidae) Synonym(s): *pumilio* Charpentier,1825
12. **Cordulegaster insignis** Schneider,1845 (Cordulegasteridae) Synonym(s): *insignis* Schneider,1845; *amasina* Morton,1916
13. **Lestes barbarus** (Fabricius,1798) (Lestidae) Synonym(s): *barbarus* Fabricius,1798
14. **Lestes dryas** Kirby,1890 (Lestidae) Synonym(s): *dryas* Kirby,1890
15. **Libellula depressa** Linnaeus,1758 (Libellulidae) Synonym(s): *depressa* Linnaeus,1758
16. **Libellula quadrimaculata** Linnaeus,1758 (Libellulidae) Synonym(s): *quadrimaculata* Linnaeus,1758
17. **Orthetrum albistylum** (Selys,1848) (Libellulidae) Synonym(s): *albistylum* Selys,1848
18. **Orthetrum brunneum** (Fonscolombe,1837) (Libellulidae) Synonym(s): *brunneum* Fonscolombe,1837
19. **Orthetrum anceps** (Schneider,1845) (Libellulidae) Synonym(s): *anceps* Schneider,1845
20. **Crocothemis erythraea** (Brullé,1832) (Libellulidae) Synonym(s): *victoria* Fourcroy,1785; *erythraea* Brullé,1832; *coccinea* Charpentier,1840; *lorti* Kirby,1896
21. **Sympetrum flaveolum** (Linnaeus,1758) (Libellulidae) Synonym(s): *flaveolum* Linnaeus,1758
22. **Sympetrum fonscolombii** (Selys,1840) (Libellulidae) Synonym(s): *fonscolombii* Selys,1840
23. **Sympetrum meridionale** (Selys,1841) (Libellulidae) Synonym(s): *meridionale* Selys,1841
24. **Sympetrum pedemontanum** (Allioni,1766) (Libellulidae) Synonym(s): *pedemontanum* Allioni,1766
25. **Sympetrum striolatum** (Charpentier,1840) (Libellulidae) Synonym(s): *striolatum* Charpentier,1840



**Fig. 5** - *Onychogomphus* sp. (Gomphidae) from Van Prov., Zeve 1700m 7 6 2012 M Kemal (Cesa). It is not reported in the province so far.



## Blattodea

Two anthropogen species have been recorded by the authors so far.

**26. Blatta orientalis Linnaeus,1758** (Blattidae) Synonym(s): *orientalis* Linnaeus,1758

**27. Polyphaga aegyptiaca (Linnaeus,1758)** (Polyphagidae) Synonym(s): *aegyptiaca* Linnaeus,1758

## Mantodea

Three species have been listed below.

**28. Iris oratoria (Linnaeus,1758)** (Irididae) Synonym(s): *oratoria* Linnaeus,1758; *dentata* Goeze,1778; *bella* Germar,1817; *minima* Charpentier,1825; *fenestrata* Brullé,1832

**29. Ameles syriensis Giglio-Tos,1915** (Mantidae) Synonym(s): *syriensis* Giglio-Tos,1915

**30. Bolivaria brachyptera (Pallas,1773)** (Mantidae) (**Fig. 6**) Synonym(s): *brachyptera* Pallas,1773

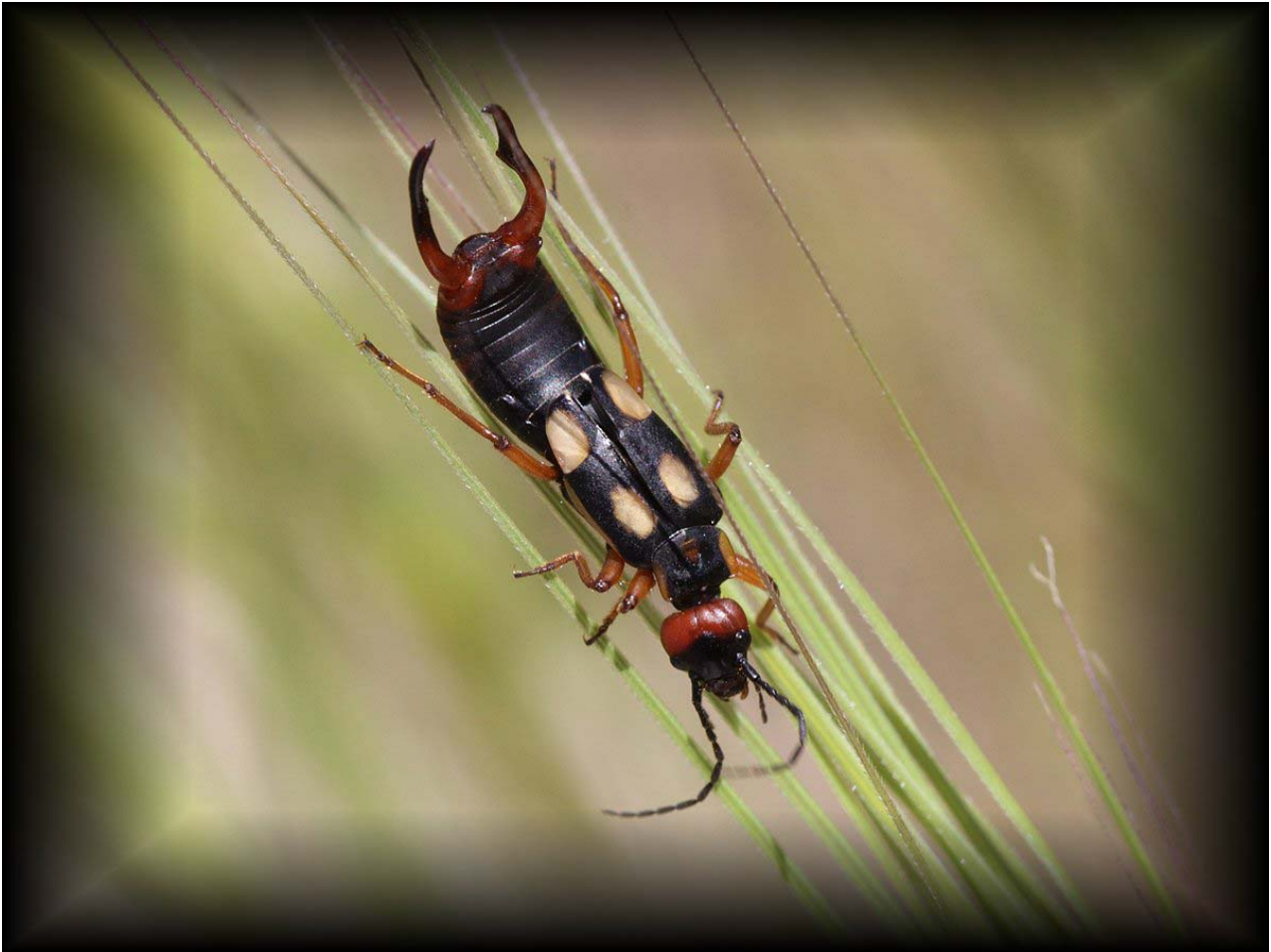


**Fig. 6** - *Bolivaria brachyptera* (Mantidae) from Van Prov., Gevaş, Artos Mt. 1950m, 9 7 2012 M Kemal (Cesa)

## Dermaptera

Four species have been listed below.

31. **Anechura bipunctata (Fabricius,1781)** (Forficulidae) (**Fig. 7**) Synonym(s): *bipunctata Fabricius,1781*; *asiatica Semenov,1903*; *fabricii Fieber,1854*  
32. **Forficula auricularia Linnaeus,1758** (Forficulidae) Synonym(s): *auricularia Linnaeus,1758*; *dentata Fabricius,1775*  
33. **Forficula tomis (Kolenati,1846)** (Forficulidae) Synonym(s): *tomis Kolenati,1846*; *pomerantzevi Semenov,1903*  
34. **Labidura riparia (Pallas,1773)** (Labiduridae) Synonym(s): *riparia Pallas,1773*; *mongolica Rehn,1905*



**Fig. 7** - *Anechura bipunctata* (Forficulidae) from Van Prov., Kurubaş 2250m 8 6 2012 M Kemal (Cesa)



**Phasmida**

Two species, *Clonaria kurda* (Bingöl, Siirt) and *Clonaria libanica* (Hatay) are known in South Turkey from the family Diapheromeridae. One indetermined species in the genus *Bacillus* (Bacillidae) is reported from Hakkari and İstanbul.

Only some field observations have been made by the authors in Van province, so far. As a result of this member of this little known order has been found in Çatak district of the province (Fig. 8).



**Fig. 8-** Phasmid specimen (indet.) from Van Prov., Çatak 1500m, 29 7 2011, M. Kemal (Cesa)

**Orthoptera**

Totally, 45 species have been listed below (**Figs. 9-11**).

35. **Acrotylus insubricus (Scopoli,1786)** (Acrididae) Synonym(s): *insubricus* Scopoli,1786; *maculatum* Olivier,1791; *fasciatus* Fabricius,1793; *maderae* Audinet-Serville,1838; *inficitus* Walker,1870; *variegata* Walker,1870; *versicolor* Burr,1898; *biskrensis* Maran,1958
36. **Acrotylus patruelis (Herrich-Schäffer,1838)** (Acrididae) Synonym(s): *patruelis* Herrich-Schäffer,1838
37. **Arcyptera (Pararcyptera) microptera (Fischer de Waldheim,1833)** (Acrididae) Synonym(s): *microptera* Fischer de Waldheim,1833
38. **Calliptamus barbarus (Costa,1836)** (Acrididae) Synonym(s): *barbarus* Costa,1836; *ictericus* Audinet-Serville,1838; *siculus* Burmeister,1838; *cephalotes* Fischer von Waldheim,1846; *discoidalis* Walker,1870; *minimus* Ivanov,1888; *deserticola* Vosseler,1902; *punctata* Kirby,1914; *montanus* Chopard,1937; *pallidipes* Chopard,1943; *monspelliensis* Grassé & Hollande,1945; *nanus* Mishchenko,1951; *parvus* Maran,1952; *salina* Maran,1954
39. **Calliptamus italicus (Linnaeus,1758)** (Acrididae) Synonym(s): *italicus* Linnaeus,1758; *germanicus* Fabricius,1775; *affinis* Thunberg,1815; *fasciatum* Hahn,1836; *marginellis* Serville,1838; *cerisanus* Serville,1838; *marmoratus* Fischer von Waldheim,1846; *blandus* Ivanov,1888; *bilineata* Puschig,1910; *anachoretus* Baranov,1925; *gilvonigriscans* Voroncovsky,1927; *grandis* Ramme,1927; *reductus* Ramme,1927; *afghanus* Ramme,1952
40. **Ceas variabilis (Pallas,1771)** (Acrididae) Synonym(s): *variabilis* Pallas,1771; *rhodoptilus* Charpentier,1825; *subcoerulipennis* Charpentier,1825; *#arbonarius* Uvarov,1917
41. **Chorthippus (s.str.) parallelus (Zetterstedt,1821)** (Acrididae) Synonym(s): *parallelus* Zetterstedt,1821; *pratorum* Fieber,1852; *explicatus* Selys-Longchamps,1862; *nigrolineatus* Ivanov,1888; *sylvestris* Puschig,1910; *montana* Chopard,1922; *caffra* Ramme,1923; *fuliginosus* Voroncovsky,1928; *prasinolateralis* Voroncovsky,1928; *prasinopervicius* Voroncovsky,1928; *prasinus* Voroncovsky,1928; *viridis* Voroncovsky,1928; *aemulus* Mishchenko,1951; *geriberti* Harz,1962; *caffra* Harz,1975
42. **Chorthippus (Glyptobothrus) brunneus (Thunberg,1815)** (Acrididae) Synonym(s): *brunneus* Thunberg,1815; *bicolor* Charpentier,1825; *biguttula* Stephens,1835; *rhomboida* Stephens,1835; *varipes* Stephens,1835; *venusa* Stephens,1835; *vittata* Stephens,1835; *brunneri* Werner,1902
43. **Chorthippus (Glyptobothrus) longicornis (Latreille,1804)** (Acrididae) Synonym(s): *longicornis* Latreille,1804
44. **Chorthippus (Glyptobothrus) macrocerus (Fischer von Waldheim,1846)** (Acrididae) Synonym(s): *macrocerus* Fischer von Waldheim,1846
45. **Chorthippus (Glyptobothrus) vagans (Eversmann,1848)** (Acrididae) Synonym(s): *vagans* Eversmann,1848
46. **Chorthippus (s.str.) dichrous (Eversmann,1859)** (Acrididae) Synonym(s): *dichrous* Eversmann,1859; *australia* Predtechenskii,1928
47. **Chorthippus (s.str.) loratus (Fischer von Waldheim,1846)** (Acrididae) Synonym(s): *loratus* Fischer von Waldheim,1846; *dorsatus* Giglio-Tos,1894; *brauneri* Znojko,1928; *dessyi* Jannone,1936
48. **Dociostaurus (Notostaurus) anatolicus Krauss,1896** (Acrididae) Synonym(s): *anatolicus* Krauss,1896; *castaneopicta* Krauss,1896; *castaneopictus* Jacobson,1905
49. **Oedaleus decorus (Germar,1817)** (Acrididae) Synonym(s): *decorus* Germar,1817
50. **Oedipoda caerulescens (Linnaeus,1758)** (Acrididae) Synonym(s): *caerulescens* Linnaeus,1758; *coeruleipenne* De Geer,1773; *fasciata* Stal,1873
51. **Oedipoda miniata (Pallas,1771)** (Acrididae) Synonym(s): *miniata* Pallas,1771; *salinus* Gmelin,1790; *gratiosa* Audinet-Serville,1838; *perurbana* Steinmann,1965
52. **Oedipoda schochi Saussure,1884** (Acrididae) Synonym(s): *schochi* Saussure,1884; *caucasica* Saussure,1884
53. **Pseudocercus oedipodioides Bolivar,1899** (Acrididae) Synonym(s): *oedipodioides* Bolivar,1899; *arpatchai* Dirsh,1949; *uvarov* Dirsh,1949; *lateritius* Karabağ,1957; *krahmeri* Harz,1978
54. **Pyrgodera armata (Fischer von Waldheim,1820)** (Acrididae) Synonym(s): *armata* Fischer von Waldheim,1820
55. **Schistocerca gregaria (Forsk.,1775)** (Acrididae) Synonym(s): *gregaria* Forsk.,1775; *tartaricum* Latreille,1804; *peregrina* Olivier,1804; *rufescens* Thunberg,1815
56. **Sphingonotus (s.str.) coerulipes Uvarov,1922** (Acrididae) Synonym(s): *coerulipes* Uvarov,1922; *djakonovi* Mishtshenko,1936; *kurmanus* Ramme,1951
57. **Sphingonotus (s.str.) nebulosus (Fischer von Waldheim,1846)** (Acrididae) Synonym(s): *nebulosus* Fischer von Waldheim,1846; *persa* Saussure,1884; *violascens* Uvarov,1926; *anatolicus* Uvarov,1930; *discolor* Uvarov,1933
58. **Stauroderus scalaris (Fischer von Waldheim,1846)** (Acrididae) Synonym(s): *scalaris* Fischer von Waldheim,1846; *discoidalis* Eversmann,1848; *melanopterus* Borck,1848; *pyrenaeicus* Sauley,1887
59. **Truxalis robusta (Uvarov,1916)** (Acrididae) Synonym(s): *robusta* Uvarov,1916
60. **Oecanthus pellucens (Scopoli,1763)** (Gryllidae) Synonym(s): *pellucens* Scopoli,1763; *italicus* Fabricius,1781; *lutaria* Petagna,1792; *aquea* Fabricius,1798; *varia* Fischer von Waldheim,1846; *angustipennis* Fitch,1856
61. **Gryllotalpa gryllotalpa (Linnaeus,1758)** (Gryllotalpidae) Synonym(s): *gryllotalpa* Linnaeus,1758; *talpa* Olivier,1791; *vulgaris* Latreille,1804
62. **Eremopeza saussurei (Uvarov,1918)** (Pamphagidae) Synonym(s): *gibber* Uvarov,1916; *saussurei* Uvarov,1918
63. **Nocarodes aserbus Mistshenko,1951** (Pamphagidae) Synonym(s): *aserbus* Mistshenko,1951
64. **Paranocaracris rimansonae (Uvarov,1918)** (Pamphagidae) Synonym(s): *rimansonae* Uvarov,1918

65. **Pyrgomorpha guentheri Burr, 1899** (Pyrgomorphidae) Synonym(s): *guentheri* Burr, 1899; *brevipennis* Bolivar, 1904; *predtetschenskii* Bei-Bienko, 1951; *ozeki* Karabağ, 1953; *turcica* Karabağ, 1961; *#urfenensis* Demirsoy, 1977; *#guentheri* Demirsoy, 1977; *#predtetschenskii* Demirsoy, 1977
66. **Depressotetrix depressa (Brisout, 1848)** (Tetrigidae) Synonym(s): *depressa* Brisout, 1848; *acuminata* Brisout, 1850; *charpentieri* Fieber, 1853; *elevata* Fieber, 1853; *rudis* Walker, 1971; *turcicus* Demirsoy, 1977
67. **Tetrix bolivari (Saulcy, 1901)** (Tetrigidae) Synonym(s): *bolivari* Saulcy, 1901
68. **Acrometopa syriaca Brunner von Wattenwyl, 1878** (Tettigoniidae) Synonym(s): *syriaca* Brunner von Wattenwyl, 1878; *festae* Giglio-Tos, 1893; *elsae* Werner, 1937
69. **Conocephalus (Xiphidion) fuscus (Fabricius, 1793)** (Tettigoniidae) Synonym(s): *fuscus* Fabricius, 1793; *discolor* Thunberg, 1815; *thoracicus* Fischer von Waldheim, 1846; *concolor* Bolivar, 1878; *ponticus* Nedelkov, 1907; *turanicus* Semenov, 1916; *dilatatus* Ramme, 1951
70. **Decticus verrucivorus (Linnaeus, 1758)** (Tettigoniidae) Synonym(s): *verrucivorus* Linnaeus, 1758; *rubicundus* De Geer, 1778; *hastatus* Fischer von Waldheim, 1839; *radiata* Fischer von Waldheim, 1846
71. **Metrioptera (Roeseliana) bispina (Bolivar, 1899)** (Tettigoniidae) Synonym(s): *bispina* Bolivar, 1899
72. **Pezodrymadusa indivisa Karabağ, 1961** (Tettigoniidae) Synonym(s): *kurmana* sensu Karabağ, 1958 *nec* Rme., 1939; *indivisa* Karabağ, 1961
73. **Platycleis (s.str.) intermedia (Audinet-Serville, [1839])** (Tettigoniidae) Synonym(s): *intermedia* Audinet-Serville, [1839]; *tesselatus* Fischer von Waldheim, 1846; *krinicki* Fischer von Waldheim, 1846; *transiens* Ramme, 1951
74. **Saga ephippigera Fischer von Waldheim, 1846** (Tettigoniidae) Synonym(s): *ephippigera* Fischer von Waldheim, 1846
75. **Tettigonia caudata (Charpentier, 1845)** (Tettigoniidae) Synonym(s): *caudata* Charpentier, 1845; *kolenatii* Fischer von Waldheim, 1846; *longicauda* Eversmann, 1848; *prasina* Fieber, 1852; *armeniaca* Tarbinsky, 1940
76. **Tettigonia turcica Ramme, 1951** (Tettigoniidae) Synonym(s): *turcica* Ramme, 1951
77. **Tylopsis lilifolia (Fabricius, 1793)** (Tettigoniidae) Synonym(s): *lilifolia* Fabricius, 1793; *thymifolia* Petagna, 1792; *gracilis* Germar, 1817; *marginipunctata* Audinet-Serville, 1838; *praeusta* Fischer von Waldheim, 1846; *spinosus* Fischer von Waldheim, 1846; *#lilifolia* Bolivar, 1877
78. **Uvarovistia (s.str.) satunini (Uvarov, 1916)** (Tettigoniidae) Synonym(s): *satunini* Uvarov, 1916
79. **Uvarovistia (s.str.) zebra (Uvarov, 1916)** (Tettigoniidae) Synonym(s): *zebra* Uvarov, 1916



Fig. 9- *Oedaleus decorus* (Acrididae) from Van Prov., Kurubaş 2250m 20 7 2010 M Kemal (Cesa)





**Fig. 10** - *Acrometopa syriaca* (Tettigoniidae) from Van Prov., Çatak, Yapılı mır 2150m 20 7 2012 M Kemal (Cesa)



**Fig. 11**-*Pezodrymadusa indivisa* (Tettigoniidae) (♂) (topotype!) Artos Mt. 1950m 15 7 2012 M Kemal (Cesa)

**Hemiptera**

Totally, 61 species have been listed below.

80. **Anthocoris sibiricus Reuter, 1875** (Anthocoridae) Synonym(s): *sibiricus Reuter, 1875*
81. **Orius minutus (Linnaeus, 1758)** (Anthocoridae) Synonym(s): *minutus Linnaeus, 1758*
82. **Orius niger (Wolff, 1811)** (Anthocoridae) Synonym(s): *niger Wolff, 1811*
83. **Aphelocheirus aestivalis (Fabricius, 1794)** (Aphelocheiridae) Synonym(s): *aestivalis Fabricius, 1794*
84. **Neides tipularius (Linnaeus, 1758)** (Berytidae) Synonym(s): *tipularius Linnaeus, 1758*
85. **Coreus marginatus (Linnaeus, 1758)** (Coreidae) Synonym(s): *marginatus Linnaeus, 1758*
86. **Coriomeris denticulatus (Scopoli, 1763)** (Coreidae) Synonym(s): *denticulatus Scopoli, 1763*
87. **Coriomeris hirticornis (Fabricius, 1794)** (Coreidae) Synonym(s): *hirticornis Fabricius, 1794*
88. **Enoplops disciger (Kolenati, 1845)** (Coreidae) Synonym(s): *disciger Kolenati, 1845*
89. **Syromastus rhombeus (Linnaeus, 1767)** (Coreidae) Synonym(s): *rhombeus Linnaeus, 1767*
90. **Phyllomorphus laciniatus (Villers, 1789)** (Coreidae) Synonym(s): *laciniatus Villers, 1789; montandon Zange, 2005*
91. **Cymatia rogenhoferi (Fieber, 1864)** (Corixidae) Synonym(s): *rogenhoferi Fieber, 1864*
92. **Paracorixa concinna (Fieber, 1848)** (Corixidae) Synonym(s): *concinna Fieber, 1848*
93. **Sigara assimilis (Fieber, 1848)** (Corixidae) Synonym(s): *assimilis Fieber, 1848*
94. **Sigara lateralis Leach, 1818** (Corixidae) Synonym(s): *lateralis Leach, 1818*
95. **Sigara nigrolineata (Fieber, 1848)** (Corixidae) Synonym(s): *nigrolineata Fieber, 1848*
96. **Rhyparochromus phoeniceus (Rossi, 1794)** (Lygaeidae) Synonym(s): *phoeniceus Rossi, 1794*
97. **Lygaeus equestris (Linnaeus, 1758)** (Lygaeidae) Synonym(s): *equestris Linnaeus, 1758*
98. **Spilostethus saxatilis (Scopoli, 1763)** (Lygaeidae) Synonym(s): *saxatilis Scopoli, 1763*
99. **Spilostethus pandurus (Scopoli, 1763)** (Lygaeidae) Synonym(s): *pandurus Scopoli, 1763*
100. **Geocoris pallidipennis (Costa, 1843)** (Lygaeidae) Synonym(s): *pallidipennis Costa, 1843; angularis Fieber, 1844; colon Fieber, 1844*
101. **Oxycaenus (Euoxycareus) pallens (Herrich-Schäffer, 1850)** (Lygaeidae) Synonym(s): *pallens Herrich-Schäffer, 1850*
102. **Dicyphus alkannae Seidenstücker, 1956** (Miridae) Synonym(s): *alkannae Seidenstücker, 1956*
103. **Grypocoris fieberi Douglas & Scott, 1868** (Miridae) Synonym(s): *fieberi Douglas & Scott, 1868; blandus Puton, 1881*
104. **Macrolophus caliginosus Wagner, 1950** (Miridae) Synonym(s): *caliginosus Wagner, 1950*
105. **Nabis punctatus Costa, 1847** (Nabidae) Synonym(s): *punctatus Costa, 1847*
106. **Nabis ferus (Linnaeus, 1758)** (Nabidae) Synonym(s): *ferus Linnaeus, 1758*
107. **Notonecta viridis Delcourt, 1909** (Notonectidae) Synonym(s): *viridis Delcourt, 1909; mediterranea Hutchinson, 1928*
108. **Rhombocoris regularis (Herrich-Schaeffer, 1851)** (Pentatomidae) Synonym(s): *regularis Herrich-Schaeffer, 1851*
109. **Raphigaster nebulosa (Poda, 1761)** (Pentatomidae) Synonym(s): *nebulosa Poda, 1761*
110. **Mustha spinosula (Lefebvre, 1831)** (Pentatomidae) Synonym(s): *spinosula Lefebvre, 1831*
111. **Sciocoris (Aposciocoris) macrocephalus Fieber, 1851** (Pentatomidae) Synonym(s): *macrocephalus Fieber, 1851*
112. **Sciocoris (s.str.) deltocephalus Fieber, 1861** (Pentatomidae) Synonym(s): *deltocephalus Fieber, 1861*
113. **Sciocoris ochraceus Fieber, 1861** (Pentatomidae) Synonym(s): *ochraceus Fieber, 1861; #ochraseus Önder et al., 2006*
114. **Tarisa osmanica Hoberlandt, 1955** (Pentatomidae) Synonym(s): *osmanica Hoberlandt, 1955*
115. **Stagonomus amoenus (Brullé, 1832)** (Pentatomidae) Synonym(s): *amoenus Brullé, 1832*
116. **Carpocoris coreanus Distant, 1899** (Pentatomidae) Synonym(s): *coreanus Distant, 1899; iranusi Tamanini, 1958*
117. **Carpocoris fuscispinus (Boheman, 1851)** (Pentatomidae) Synonym(s): *fuscispinus Boheman, 1851*
118. **Cnephosa flavomarginata Jakovlev, 1880** (Pentatomidae) Synonym(s): *flavomarginata Jakovlev, 1880*
119. **Codophila lunulata (Goeze, 1778)** (Pentatomidae) Synonym(s): *lunulata Goeze, 1778*
120. **Dolycoris baccarum (Linnaeus, 1758)** (Pentatomidae) Synonym(s): *baccarum Linnaeus, 1758*
121. **Eurydema ventralis Kolenati, 1846** (Pentatomidae) Synonym(s): *ventralis Kolenati, 1846*
122. **Holcostethus vernalis (Wolff, 1804)** (Pentatomidae) Synonym(s): *vernalis Wolff, 1804*
123. **Graphosoma (s.str.) lineatum (Linnaeus, 1758)** (Pentatomidae) Synonym(s): *lineatum Linnaeus, 1758; italicus Müller, 1766; nigrolineatus Fabricius, 1781; shangini Gebler, 1817; reductum Horvath, 1901; ochraceum Royer, 1925; obscurum Stepanek, 1926; soosi Halaszfy, 1953; nigriscutellatum Halaszfy, 1955; flavolineatum Halaszfy, 1955*
124. **Piesma (Parapiesma) kolenatii (Fieber, 1861)** (Piesmatidae) Synonym(s): *laportei Kolenati, 1857 nec Fieb., 1844; kolenatii Fieber, 1861; caucasicum Péricart, 1973*
125. **Pyrrhocoris apterus (Linnaeus, 1758)** (Pyrrhocoridae) Synonym(s): *apterus Linnaeus, 1758; clamariensis Fallén, 1829*
126. **Coranus aegypticus (Fabricius, 1775)** (Reduviidae) Synonym(s): *aegypticus Fabricius, 1775*
127. **Nagusta goedeli (Kolenati, 1856)** (Reduviidae) Synonym(s): *goedeli Kolenati, 1856*
128. **Peirates hybridus (Scopoli, 1763)** (Reduviidae) Synonym(s): *hybridus Scopoli, 1763*
129. **Phymata (s.str.) crassipes (Fabricius, 1775)** (Reduviidae) Synonym(s): *crassipes Fabricius, 1775*



130. **Rhynocoris flavolimbatus (Jakovlev,1889)** (Reduviidae) Synonym(s): *flavolimbatus* Jakovlev,1889; *#descampsi* Dispos & Villiers,1967
131. **Reduvius personatus (Linnaeus,1758)** (Reduviidae) Synonym(s): *personatus* Linnaeus,1758; *ater* Poda,1761
132. **Reduvius pallipes (Klug,1830)** (Reduviidae) Synonym(s): *pallipes* Klug,1830; *thoracicus* Stal,1855; *testaceus* Fieber
133. **Vachiria deserta (Becker,1867)** (Reduviidae) Synonym(s): *deserta* Becker,1867
134. **Corizus hyoscyami (Linnaeus,1758)** (Rhopalidae) Synonym(s): *hyoscyami* Linnaeus,1758; *#hyosciami* Kiyak et al.,2004
135. **Corizus fenestella Horvath,1917** (Rhopalidae) Synonym(s): *fenestella* Horvath,1917
136. **Stictopleurus riveti Royer,1923** (Rhopalidae) Synonym(s): *riveti* Royer,1923
137. **Odontoscelis fuliginosa (Linnaeus,1761)** (Scutelleridae) Synonym(s): *fuliginosa* Linnaeus,1761
138. **Odontotarsus purpureolineatus (Rossi,1790)** (Scutelleridae) Synonym(s): *purpureolineatus* Rossi,1790; *lutescens* Fieber,1861; *rugicollis* Jakovlev,1884; *insignis* Jakovlev,1908; *#confluens* Hoberlandt,1944
139. **Catoplatus brevicornis Akramovskaya & Golub,1973** (Tingidae) Synonym(s): *brevicornis* Akramovskaya & Golub,1973
140. **Monosteira lobulifera Reuter,1888** (Tingidae) Synonym(s): *lobulifera* Reuter,1888



**Fig.12** *Brachycoleus* sp. (Miridae) Van Prov., Kuzgunkiran 2200m 28 6 2010 M Kemal (Cesa). This genus is represented by five species in Turkey.





**Fig.13** - *Rhynocoris* sp. (Reduviidae) attached to a chrysomelid beetle, from Van Prov. Artos 1950m 27 7 2011 M Kemal (Cesa). The genus is represented in Turkey by ten species.

**Homoptera**

Totally 106 species have been listed below.

141. **Hyalopterus pruni (Geoffroy,1762)** (Aphididae) Synonym(s): *pruni* Geoffroy,1762
142. **Dysaphis devector (Walker,1849)** (Aphididae) Synonym(s): *devector* Walker,1849
143. **Dysaphis (Pomaphis) pyri (Boyer de Fonscolombe,1841)** (Aphididae) Synonym(s): *pyri* Boyer de Fonscolombe,1841
144. **Uroleucon (Uromelan) jaceae (Linnaeus,1758)** (Aphididae) Synonym(s): *jaceae* Linnaeus,1758
145. **Aphis fabae Scopoli,1763** (Aphididae) Synonym(s): *fabae* Scopoli,1763; *cirsiiacanthoidis* Scopoli,1763; *solanella* Theobald,1914; *mordvilko* Börner & Janich,1922
146. **Aphis craccivora Koch,1854** (Aphididae) Synonym(s): *craccivora* Koch,1854
147. **Aphis avicularis (Hille Ris Lambers,1931)** (Aphididae) Synonym(s): *avicularis* Hille Ris Lambers,1931
148. **Aphis chloris Koch,1854** (Aphididae) Synonym(s): *chloris* Koch,1854
149. **Cercopis intermedia Kirschbaum,1868** (Cercopidae) Synonym(s): *intermedia* Kirschbaum,1868; *obliterata* Kirschbaum,1868; *nigra* Royer,1906; *simulans* Peneau,1912; *turkestanica* Lindberg,1923
150. **Neophilaenus campestris (Fallén,1805)** (Cercopidae) Synonym(s): *campestris* Fallén,1805; *parvula* Vismara,1877; *fasciatus* Ferrari,1882; *obsoletus* Ferrari,1882; *bimaculata* Rey,1894; *brunnifrons* Rey,1894
151. **Neophilaenus lineatus (Linnaeus,1758)** (Cercopidae) Synonym(s): *lineatus* Linnaeus,1758; *abbreviata* Fabricius,1787; *capitata* Fabricius,1794; *aterrimus* Sahlberg,1871; *pulchellus* Sahlberg,1871; *fusca* Haupt,1912; *pallida* Haupt,1917; *danicus* Wagner,1935; *fulva* Gyllensvard,1965
152. **Paraphilaenus notatus (Mulsant & Rey,1855)** (Cercopidae) Synonym(s): *notatus* Mulsant & Rey,1855; *centroasiaticus* Dlabola,1961
153. **Philaenus spumarius (Linnaeus,1758)** (Cercopidae) Synonym(s): *spumarius* Linnaeus,1758; *leucophthalma* Linnaeus,1758; *lateralis* Linnaeus,1758; *leucocephala* Linnaeus,1758
154. **Agallia bispinata (Dlabola,1957)** (Cicadellidae) Synonym(s): *bispinata* Dlabola,1957
155. **Aphrodes bicinctus (Schrank,1776)** (Cicadellidae) Synonym(s): *striata* Linnaeus,1761 (praeocc.); *rustica* Fabricius,1775 (praeocc.); *bicinctus* Schrank,1776; *ochromelas* Gmelin,1790; *variegata* Fabricius,1794; *striatella* Fabricius,1794; *transversa* Fabricius,1798; *strigata* Turton,1802; *pallidus* Curtis,1836; *cardui* Curtis,1836; *fasciatus* Curtis,1836; *obscurus* Curtis,1836; *rugosus* Curtis,1836; *sparsus* Curtis,1836; *unicolor* Curtis,1836; *pulverulenta* Curtis,1837; *adustus* Hardy,1850; *obtusifrons* Kirschbaum,1868; *signifrons* Rey,1894; *aestuarinus* Edwards,1908; *brevior* Melichar,1914; *alpinus* Prohaska,1923; *diminutus* Ribaut,1952; *centrossicus* Zachvatkin,1952; *ferganensis* Dubovsky,1966
156. **Aphrodes elongatus (Lethierry,1876)** (Cicadellidae) Synonym(s): *elongatus* Lethierry,1876
157. **Artianus manderstjernii (Kirschbaum,1868)** (Cicadellidae) Synonym(s): *manderstjernii* Kirschbaum,1868
158. **Balclutha pellucens Horvath,1909** (Cicadellidae) Synonym(s): *pellucens* Horvath,1909; *viridella* Lindberg,1941
159. **Balclutha rhenana Wagner,1939** (Cicadellidae) Synonym(s): *rhenana* Wagner,1939
160. **Batracomorphus irroratus Lewis,1834** (Cicadellidae) Synonym(s): *irroratus* Lewis,1834; *microcephalus* Herrich-Schäffer,1838; *punctulatus* Forel,1858; *punctuosus* Kirschbaum,1868; *verrucosa* Haupt,1917
161. **Chlorita vana Dlabola,1971** (Cicadellidae) Synonym(s): *vana* Dlabola,1971
162. **Circulifer haematoceps (Mulsant & Rey,1855)** (Cicadellidae) Synonym(s): *haematoceps* Mulsant & Rey,1855; *haagi* Kirschbaum,1868; *opacus* Kirschbaum,1868; *rubrotinctus* Kirschbaum,1868; *opacipennis* Lethierry,1876; *vittiventris* Lethierry,1876; *diluta* Ferrari,1882; *picta* Ferrari,1882; *minor* Ferrari,1884; *futilis* Horvath,1909; *unicolor* Haupt,1927; *haupti* Zachvatkin,1935; *viridiflavus* Lindberg,1948; *interibilis* Lindberg,1948
163. **Doratura homophyla (Flor,1861)** (Cicadellidae) Synonym(s): *homophyla* Flor,1861
164. **Doratura impudica Horvath,1897** (Cicadellidae) Synonym(s): *impudica* Horvath,1897
165. **Doratura stylata (Boheman,1847)** (Cicadellidae) Synonym(s): *stylata* Boheman,1847; *macroptera* Kusnezov,1928
166. **Ebarrius cognatus (Fieber,1869)** (Cicadellidae) Synonym(s): *cognatus* Fieber,1869
167. **Edwardsiana flavescens (Fabricius,1794)** (Cicadellidae) Synonym(s): *flavescens* Fabricius,1794; *fratercula* Edwards,1908; *sororcula* Ossiannilsson,1936
168. **Empoasca solani (Curtis,1846)** (Cicadellidae) Synonym(s): *solani* Curtis,1846; *pteridis* Dahlbom,1850; *solanituberosi* Kollar,1852; *roseiventris* Rey,1894; *tullgreni* Ribaut,1933; *dlabolae* Lindberg,1960
169. **Eupteryx stachydearum (Hardy,1850)** (Cicadellidae) Synonym(s): *stachydearum* Hardy,1850; *curtisii* Flor,1861; *catenata* Rey,1894; *confluens* Rey,1894; *continua* Cerutti,1939
170. **Eupteryx taborskyi Dlabola,1957** (Cicadellidae) Synonym(s): *taborskyi* Dlabola,1957
171. **Euscelidius mundus (Haupt,1927)** (Cicadellidae) Synonym(s): *mundus* Haupt,1927; *orientalis* Dlabola,1957
172. **Euscelis alsius Ribaut,1952** (Cicadellidae) Synonym(s): *alsius* Ribaut,1952
173. **Handianus procerus (Herrich-Schäffer,1835)** (Cicadellidae) Synonym(s): *procerus* Herrich-Schäffer,1835; *palaestinensis* Linnavuori,1962
174. **Idiocerus herrichii Kirschbaum,1868** (Cicadellidae) Synonym(s): *herrichii* Kirschbaum,1868
175. **Populicerus sharifi Dlabola,1977** (Cicadellidae) Synonym(s): *sharifi* Dlabola,1977
176. **Kybos candelabricus Dlabola,1958** (Cicadellidae) Synonym(s): *candelabricus* Dlabola,1958
177. **Kybos virgator (Ribaut,1933)** (Cicadellidae) Synonym(s): *virgator* Ribaut,1933; *saageri* Wagner,1935
178. **Laburris handlirschi (Matsumura,1908)** (Cicadellidae) Synonym(s): *artemisiae* Matsumura,1900 (praeocc.); *handlirschi* Matsumura,1908; *maculosus* Vilbaste,1965

179. **Laburris abrotani Emelyanov, 1962** (Cicadellidae) Synonym(s): *abrotani* Emelyanov, 1962
180. **Limotettix striola (Fallén, 1806)** (Cicadellidae) Synonym(s): *striola* Fallén, 1806; *frenatus* Germar, 1821; *ferganensis* Dubovsky, 1966
181. **Macropsis graminea (Fabricius, 1798)** (Cicadellidae) Synonym(s): *graminea* Fabricius, 1798; *populi* Edwards, 1919
182. **Macropsis scutellata (Boheman, 1845)** (Cicadellidae) Synonym(s): *scutellata* Boheman, 1845; *tibialis* Scott, 1874
183. **Macrosteles fieberi (Edwards, 1889)** (Cicadellidae) Synonym(s): *frontalis* Fieber, 1885 *nec* Scdt., 1875; *fieberi* Edwards, 1889
184. **Macrosteles forficula (Ribaut, 1927)** (Cicadellidae) Synonym(s): *forficula* Ribaut, 1927
185. **Macrosteles laevis (Ribaut, 1927)** (Cicadellidae) Synonym(s): *laevis* Ribaut, 1927; *mannerheimi* Kontkanen, 1935; *nubila* Ossiannilsson, 1936
186. **Macrosteles quadripunctulatus (Kirschbaum, 1868)** (Cicadellidae) Synonym(s): *quadripunctulatus* Kirschbaum, 1868; *ramigera* Zachvatkin, 1933
187. **Macrosteles sexnotatus (Fallén, 1806)** (Cicadellidae) Synonym(s): *sexnotatus* Fallén, 1806; *devastans* Guérin-Ménéville, 1852; *didymus* Mulsant & Rey, 1855; *diminuta* Lethierry, 1876; *binotata* Rey, 1894; *submaculata* Rey, 1894
188. **Micantulina (Mulsantina) acuticeps (Linnavuori, 1962)** (Cicadellidae) Synonym(s): *acuticeps* Linnavuori, 1962
189. **Micantulina (Mulsantina) stigmatipennis (Mulsant & Rey, 1855)** (Cicadellidae) Synonym(s): *stigmatipennis* Mulsant & Rey, 1855; *quadripunctata* Kirschbaum, 1868; *pulcherrimus* Hovarth, 1884
190. **Mocuellus deminutus Dlabola, 1981** (Cicadellidae) Synonym(s): *deminutus* Dlabola, 1981
191. **Mogangella secundaria Dlabola, 1958** (Cicadellidae) Synonym(s): *secundaria* Dlabola, 1958
192. **Mogangella straminea Dlabola, 1957** (Cicadellidae) Synonym(s): *straminea* Dlabola, 1957
193. **Neoliturus fenestratus (Herrich-Schäffer, 1834)** (Cicadellidae) Synonym(s): *fenestratus* Herrich-Schäffer, 1834
194. **Opsius cypriacus Lindberg, 1958** (Cicadellidae) Synonym(s): *cypriacus* Lindberg, 1958
195. **Phlepsius ornatus (Perris, 1857)** (Cicadellidae) Synonym(s): *ornatus* Perris, 1857; *maculatus* Fieber, 1866; *asiaticus* Zachvatkin, 1945; *angorensis* Zachvatkin, 1945
196. **Platymetopius major (Kirschbaum, 1868)** (Cicadellidae) Synonym(s): *major* Kirschbaum, 1868; *opalinus* Fieber, 1876; *interjectus* Linnavuori, 1957; *atratus* Dlabola, 1958
197. **Platymetopius shirazicus Dlabola, 1974** (Cicadellidae) Synonym(s): *shirazicus* Dlabola, 1974
198. **Psammotettix alienus (Dahlbom, 1850)** (Cicadellidae) Synonym(s): *alienus* Dahlbom, 1850; *breviceps* Kirschbaum, 1868; *flavidus* Fieber, 1869; *karafutonis* Matsumura, 1914
199. **Psammotettix cephalotes (Herrich-Schäffer, 1834)** (Cicadellidae) Synonym(s): *cephalotes* Herrich-Schäffer, 1834; *citrinellus* Kirschbaum, 1868; *sulphurellus* Kirschbaum, 1868; *tristis* Kirschbaum, 1868; *normani* Scott, 1881
200. **Psammotettix comitans Emelyanov, 1964** (Cicadellidae) Synonym(s): *comitans* Emelyanov, 1964
201. **Psammotettix confinis (Dahlbom, 1850)** (Cicadellidae) Synonym(s): *confinis* Dahlbom, 1850; *eurylobus* Kirschbaum, 1868; *heydeni* Fieber, 1872; *thenii* Edwards, 1915; *spathifer* Ribaut, 1925
202. **Psammotettix ornaticeps (Horvath, 1897)** (Cicadellidae) Synonym(s): *ornaticeps* Horvath, 1897
203. **Psammotettix pictipennis (Kirschbaum, 1868)** (Cicadellidae) Synonym(s): *pictipennis* Kirschbaum, 1868; *fasciatus* Fieber, 1869
204. **Psammotettix provincialis (Ribaut, 1925)** (Cicadellidae) Synonym(s): *provincialis* Ribaut, 1925
205. **Rhoananus hypochlorus (Fieber, 1869)** (Cicadellidae) Synonym(s): *hypochlorus* Fieber, 1869
206. **Rhytidodus nobilis (Fieber, 1868)** (Cicadellidae) Synonym(s): *nobilis* Fieber, 1868; *trifasciatus* Kirschbaum, 1868
207. **Selenocephalus armeniacus Lindberg, 1960** (Cicadellidae) Synonym(s): *armeniacus* Lindberg, 1960
208. **Selenocephalus sirvadi Dlabola, 1965** (Cicadellidae) Synonym(s): *sirvadi* Dlabola, 1965
209. **Stenometopiellus angorensis Zachvatkin, 1946** (Cicadellidae) Synonym(s): *angorensis* Zachvatkin, 1946; *tesquorum* Emelyanov, 1964
210. **Tamaricella ribauti (Zachvatkin, 1947)** (Cicadellidae) Synonym(s): *ribauti* Zachvatkin, 1947
211. **Tamaricella tamaricis (Puton, 1872)** (Cicadellidae) Synonym(s): *tamaricis* Puton, 1872; *subpunctata* Vilbaste, 1961
212. **Tremulicerus mesopyrrhus (Kirschbaum, 1868)** (Cicadellidae) Synonym(s): *mesopyrrhus* Kirschbaum, 1868; *socialis* Fieber, 1868; *variegata* Ribaut, 1952
213. **Tremulicerus poecilus (Herrich-Schäffer, 1835)** (Cicadellidae) Synonym(s): *poecilus* Herrich-Schäffer, 1835; *falciger* Boheman, 1845; *discolor* Flor, 1861; *venustus* Scott, 1874
214. **Verdanus gazelicornis (Dlabola, 1980)** (Cicadellidae) Synonym(s): *gazelicornis* Dlabola, 1980
215. **Verdanus pazoukii (Dlabola, 1980)** (Cicadellidae) Synonym(s): *pazoukii* Dlabola, 1980
216. **Zyginidia (s.str.) sohrab Zachvatkin, 1947** (Cicadellidae) Synonym(s): *sohrab* Zachvatkin, 1947; *coacta* Ribaut, 1948
217. **Cicadatra hyalina (Fabricius, 1798)** (Cicadidae) Synonym(s): *hyalina* Fabricius, 1798; *geodesma* Kolenati, 1857; *taurica* Fieber, 1876; *virens* Fieber, 1876; *burriana* Horvath, 1912; *viridis* Haupt, 1917; *discrepans* Schumacher, 1923; *rossica* Schumacher, 1923
218. **Cicadatra persica Kirkaldy, 1909** (Cicadidae) Synonym(s): *lineola* Hagen, 1856 (*praeocc.*); *persica* Kirkaldy, 1909
219. **Tibicina serhadensis Koçak & Kemal, 2010** (Cicadidae) Synonym(s): *serhadensis* Koçak & Kemal, 2010



220. **Hyalesthes obsoletus Signoret, 1865** (Cixiidae) Synonym(s): *obsoletus* Signoret, 1865; *albolimbatus* Kirschbaum, 1868; *flavovarius* Kusnezov, 1935
221. **Hyalesthes ponticorum Hoch & Remane, 1985** (Cixiidae) Synonym(s): *ponticorum* Hoch & Remane, 1985
222. **Hyalesthes veysseli Hoch, 1985** (Cixiidae) Synonym(s): *veysseli* Hoch, 1985
223. **Myndus musivus (Germar, 1825)** (Cixiidae) Synonym(s): *musivus* Germar, 1825
224. **Pentastira major (Kirschbaum, 1868)** (Cixiidae) Synonym(s): *major* Kirschbaum, 1868; *opalinus* Fieber, 1876; *interjectus* Linnavuori, 1957; *atratus* Dlabola, 1958
225. **Reptalus (Trepalus) rufocarinatus (Kusnezov, 1937)** (Cixiidae) Synonym(s): *rufocarinatus* Kusnezov, 1937; *bitinctus* Dlabola, 1961
226. **Reptalus (s.str.) quinquecostatus (Dufour, 1833)** (Cixiidae) Synonym(s): *quinquecostatus* Dufour, 1833; *pallidus* Kusnezov, 1937; *flavidus* Kusnezov, 1937; *rufocarinatus* Kusnezov, 1937
227. **Setapius bitinctus (Dlabola, 1961)** (Cixiidae) Synonym(s): *bitinctus* Dlabola, 1961
228. **Tachycixius logvinenkovae Dlabola, 1974** (Cixiidae) Synonym(s): *logvinenkovae* Dlabola, 1974
229. **Javesella obscurella (Boheman, 1847)** (Delphacidae) Synonym(s): *obscurella* Boheman, 1847; *discreta* Edwards, 1888; *fuscosteacea* Metcalf, 1943
230. **Javesella pellucida (Fabricius, 1794)** (Delphacidae) Synonym(s): *pellucida* Fabricius, 1794; *striata* Fabricius, 1794; *marginata* Fabricius, 1794; *dispar* Fallén, 1806; *suturalis* Curtis, 1837; *ochroleuca* Kirschbaum, 1868; *flavipennis* Sahlberg, 1871; *obscura* Fieber, 1879; *fuscicollis* Rey, 1891; *variicollis* Rey, 1894
231. **Kelisia ribauti Wagner, 1938** (Delphacidae) Synonym(s): *guttula* Ribaut, 1934 nec Germ., 1818; *ribauti* Wagner, 1938
232. **Muirodelphax aubei (Perris, 1857)** (Delphacidae) Synonym(s): *aubei* Perris, 1857; *cognata* Fieber, 1866; *protrusa* Fieber, 1866; *obsoleta* Kirschbaum, 1868; *obscurinervis* Kirschbaum, 1868; *altaicus* Vilbaste, 1965
233. **Ribautodelphax pallens (Stål, 1854)** (Delphacidae) Synonym(s): *pallens* Stål, 1854
234. **Sogatella vibix (Haupt, 1927)** (Delphacidae) Synonym(s): *furcata* Matsumura, 1910; *vibix* Haupt, 1927; *matsumurana* Metcalf, 1943; *longifurcifera* Esaki & Ishihara, 1947; *panicicola* Ishihara, 1949; *dogensis* Ishihara, 1952; *catoptron* Fennah, 1963; *parakolophon* Linnavuori, 1973; *diachenhea* Kuoh, 1977
235. **Dictyophara asiatica Melichar, 1912** (Dictyopharidae) Synonym(s): *asiatica* Melichar, 1912
236. **Dictyophara europaea (Linnaeus, 1767)** (Dictyopharidae) Synonym(s): *europaea* Linnaeus, 1767; *#europaea* Petagna, 1787; *europa* Aucher-Elroy, 1826; *italica* Kirschbaum, 1868; *lutea* Lang, 1942
237. **Dictyophara multireticulata Mulsant & Rey, 1855** (Dictyopharidae) Synonym(s): *multireticulata* Mulsant & Rey, 1855; *heydenii* Kirschbaum, 1868; *curvata* Matsumura, 1910; *nemourensis* Matsumura, 1910; *oertzeni* Matsumura, 1910
238. **Agalmatium flavescens (Olivier, 1791)** (Issidae) Synonym(s): *flavescens* Olivier, 1791; *grylloides* Fabricius, 1794; *liliimacula* O. Costa, 1834; *bifasciatus* O. Costa, 1834; *smyrnensis* Spinola, 1839; *dufourii* Spinola, 1839; *sicula* O. Costa, 1840; *zelleri* Kirschbaum, 1868
239. **Mycterodus goricus (Dlabola, 1958)** (Issidae) Synonym(s): *goricus* Dlabola, 1958
240. **Tshurtshurnella trifasciata (Linnavuori, 1965)** (Issidae) Synonym(s): *trifasciata* Linnavuori, 1965
241. **Centrotus cornutus (Linnaeus, 1758)** (Membracidae) (**Fig. 14**) Synonym(s): *cornutus* Linnaeus, 1758; *gallicus* Kirschbaum, 1868; *italicus* Kirschbaum, 1868; *turcicus* Kirschbaum, 1868; *abbreviatus* Kirschbaum, 1868 (*praeocc.*); *depressus* Fieber, 1876; *obtusus* Fieber, 1876; *rugosus* Buckton, 1903; *kirschbaumi* Metcalf, 1955
242. **Ricania hedenborgi Stål, 1865** (Ricanidae) Synonym(s): *hedenborgi* Stål, 1865
243. **Tettigometra (Mitricephalus) macrocephalus (Fieber, 1865)** (Tettigometridae) Synonym(s): *macrocephalus* Fieber, 1865; *longiceps* Signoret, 1866; *concolor* Fieber, 1876 (*praeocc.*); *contaminatus* Metcalf, 1932
244. **Tettigometra (Stirometra) costulata Fieber, 1865** (Tettigometridae) Synonym(s): *costulata* Fieber, 1865; *parviceps* Signoret, 1866; *heydenii* Kirschbaum, 1868; *abrupta* Fieber, 1876; *albofasciata* Fieber, 1876; *unifasciata* Fieber, 1876
245. **Tettigometra (s.str.) sulphurea Mulsant-Rey, 1855** (Tettigometridae) Synonym(s): *sulphurea* Mulsant-Rey, 1855; *mendax* Horvath, 1888; *scutellaris* Horvath, 1903
246. **Tettigometra (s.str.) virescens (Panzer, 1799)** (Tettigometridae) Synonym(s): *virescens* Panzer, 1799; *dorsalis* Latreille, 1804
247. **Tettigometra vitellina Fieber, 1865** (Tettigometridae) Synonym(s): *vitellina* Fieber, 1865



**Fig.14-** *Centrotus cornutus* (Membracidae) from Van prov., Çatak 1360m 19 5 2012 M Kemal (Cesa)

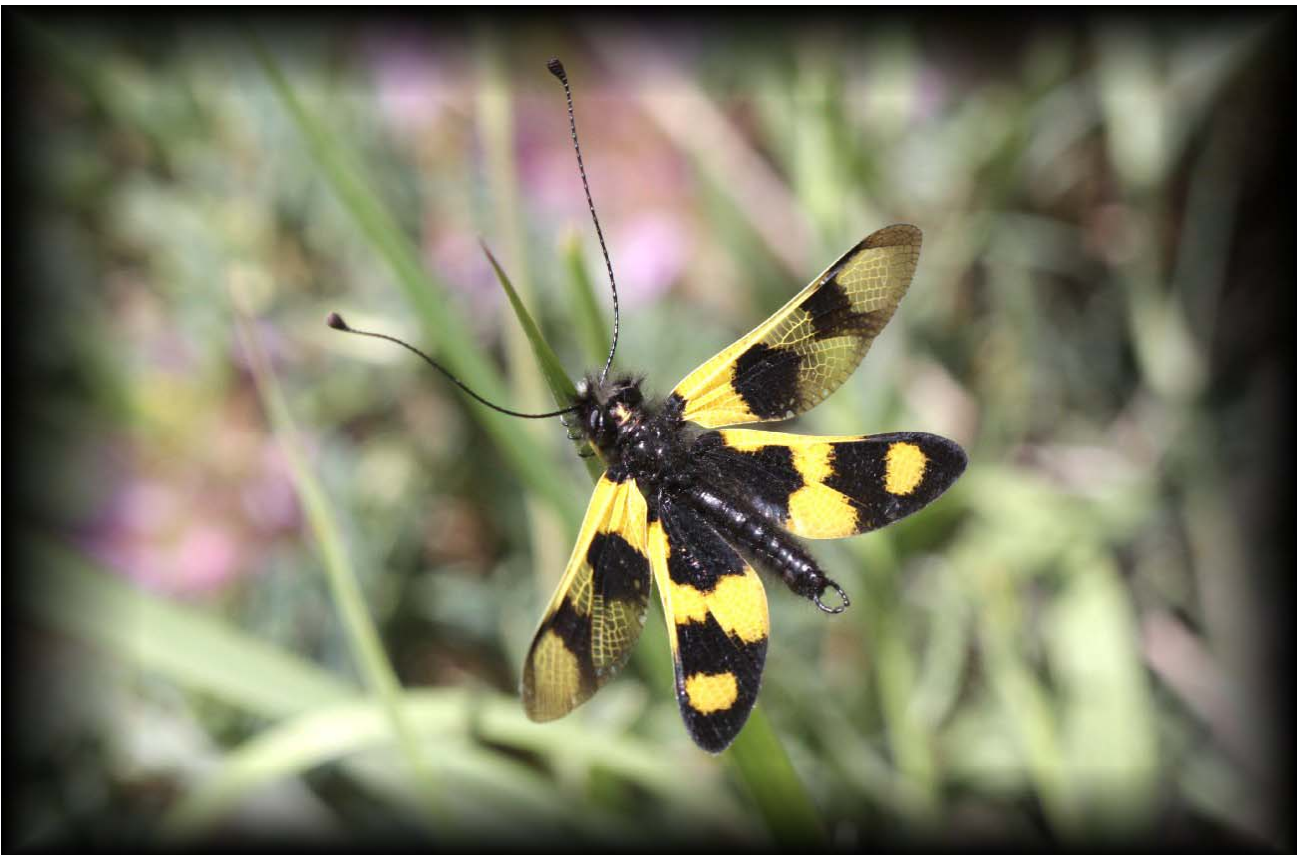
## Planipennia

Totally 18 species have been listed below.

- 248. *Bubopsis hamata* (Klug,1834) (Ascalaphidae) Synonym(s): *hamatus* Klug,1834
- 249. *Deleproctophylla dusmeti* Navas,1914 (Ascalaphidae) Synonym(s): *dusmeti* Navas,1914
- 250. *Deleproctophylla variegata* (Klug,1834) (Ascalaphidae) Synonym(s): *variegata* Klug,1834
- 251. *Iranoidricerus iranensis* (Kimmins,1938) (Ascalaphidae) Synonym(s): *iranensis* Kimmins,1938
- 252. *Libelloides macaronius* (Scopoli,1763) (Ascalaphidae) (**Fig.16**) Synonym(s): *macaronius* Scopoli,1763
- 253. *Ptyngidricerus albardanus* (McLachlan,1891) (Ascalaphidae) Synonym(s): *albardanus* McLachlan,1891
- 254. *Anisochrysa* (*Chrysoperla*) *carnea* (Stephens,1836) (Chrysopidae) Synonym(s): *carnea* Stephens,1836
- 255. *Perlamantispa perla* (Pallas,1772) (Mantispidae) Synonym(s): *perla* Pallas,1772; *christiana* Charpentier,1825; *victorii* Guérin-Méneville,1845
- 256. *Acanthaclisis occitanica* (Villers,1789) (Myrmeleonidae) Synonym(s): *occitanicum* Villers,1789; *pisanus* Rossi,1790; *georgianum* Fischer v. Waldheim,1846.
- 257. *Palpares libelluloides* (Linnaeus,1764) (Myrmeleonidae) Synonym(s): *libelluloides* Linnaeus,1764; *nordmanni* Kolenati,1846
- 258. *Palpares turcicus* Koçak,1976 (Myrmeleonidae) (**Fig.17**) Synonym(s): *turcicus* Koçak,1976
- 259. *Macronemurus bilineatus* Brauer,1868 (Myrmeleonidae) Synonym(s): *bilineatus* Brauer,1868
- 260. *Myrmecaelurus maior* McLachlan,1875 (Myrmeleonidae) Synonym(s): *maior* McLachlan,1875
- 261. *Myrmecaelurus trigrammus* (Pallas,1781) (Myrmeleonidae) Synonym(s): *trigrammus* Pallas,1781; *pictum* Fabricius,1798; *flavus* Rambur,1842
- 262. *Lertha extensa* (Olivier,1811) (Nemopteridae) Synonym(s): *extensa* Olivier,1811
- 263. *Lertha palmonii* Tjeder,1970 (Nemopteridae) Synonym(s): *palmonii* Tjeder,1970
- 264. *Nemoptera sinuata* Olivier,1811 (Nemopteridae) Synonym(s): *sinuata* Olivier,1811
- 265. *Osmylus multiguttatus* McLachlan,1870 (Osmylidae) Synonym(s): *multiguttatus* McLachlan,1870



**Fig.15-** *Bubopsis* sp. (Ascalaphidae) from Van Prov., Ermişler 1675m 3 8 2012 M Kemal (Cesa)



**Fig.16 -** *Libelloides macaronius* (Ascalaphidae) from Van Prov., Artos Mountain 1950m 5 7 2012 M Kemal (Cesa)





**Fig. 17-** *Palpares turcicus* (Myrmeleonidae) from Van Prov., Gevaş, Artos Mt. 1950m 15 7 2012 M Kemal (Cesa)

**Trichoptera**

Only some field observations have been made by the authors in the province, so far (Fig.18).



**Fig. 18** - Resting adult of a trichopter from Van Prov., Çaldıran, Tendürek pass 2500m 16 6 2012 M Kemal (Cesa)

**Mecoptera**

A single species, *Panorpa tatvana*, has been listed below. The species is locally found in the province (Çatak and Kuzgunkiran pass) (Fig.19).

**266. *Panorpa tatvana* Willmann,1974** (Panorpidae) Synonym(s): *tatvana* Willmann,1974



**Fig.19** – *Panorpa tatvana* (Panorpidae) from Kuzgunkiran pass 2000m 17 2007, M.Kemal (Cesa)



**Lepidoptera**

1179 species have been listed from the province (**Figs. 20-26**).

267. **Nemophora eretna** Kemal & Koçak, 2006 (Adelidae) Synonym(s): *eretna* Kemal & Koçak, 2006
268. **Nemophora fasciella** (Fabricius, 1775) (Adelidae) Synonym(s): *fasciella* Fabricius, 1775; *schiffermillerella* [Denis & Schiffermüller], 1775; *fascia* Haworth, 1828; *schiffermuellerella* Treitschke, 1833; *annae* Zeller, 1853; *purpureus* Stainton, 1867
269. **Alucita klimeschi** Scholz, 1997 (Alucitidae) Synonym(s): *klimeschi* Scholz, 1997
270. **Arctia (Epicallia) marchandi** De Freina, 1983 (Arctiidae) Synonym(s): *marchandi* De Freina, 1983.
271. **Arctia (Eucharia) festiva** (Hufnagel, 1766) (Arctiidae) Synonym(s): *festiva* Hufnagel, 1766; *hebe* Linnaeus, 1767; *interrogationis* Ménétriés, 1863; *sartha* Staudinger, 1886; *nivea* O. Bang-Haas, 1927; *ragusai* Stauder, 1928.
272. **Arctia (s.str.) caja** (Linnaeus, 1758) (Arctiidae) Synonym(s): *caja* Linnaeus, 1758; *erinacea* Retzius, 1783; *phantasma* Niepelt, 1905; *lusitanica* Spuler, 1906; *confluens* Rebel, 1910 nec Rom., 1884; *rebeli* Wnukowsky, 1929.
273. **Chelis reticulata** (Christoph, 1887) (Arctiidae) Synonym(s): *reticulata* Christoph, 1887
274. **Cymbalophora rivularis** (Ménétriés, 1832) (Arctiidae) Synonym(s): *rivularis* Ménétriés, 1832; *dannehli* Dannehl, 1929.
275. **Diaphora mendica** (Linnaeus, 1761) (Arctiidae) Synonym(s): *#mendica* Clerck, 1759; *mendica* Linnaeus, 1761; *rustica* Hübner, [1791]
276. **Euplagia quadripunctaria** (Poda, 1761) (Arctiidae) Synonym(s): *quadripunctaria* Poda, 1761; *hera* Linnaeus, 1767; *magna* Spuler, 1910 nec Hol., 1897; *latefasciata* Bubacek, 1915.
277. **Euplagia splendidior** (Tams, 1922) (Arctiidae) Synonym(s): *splendidior* Tams, 1922; *tkatshukovi* Sheljuzhko, 1935.
278. **Lacydes spectabilis** (Tauscher, 1806) (Arctiidae) Synonym(s): *spectabilis* Tauscher, 1806; *intercissa* Freyer, 1842.
279. **Andala semiramis** (Staudinger, 1892) (Arctiidae) Synonym(s): *semiramis* Staudinger, 1892
280. **Ocnogyna (Somatotrichia) anatolica** Witt, 1980 (Arctiidae) Synonym(s): *anatolica* Witt, 1980
281. **Ocnogyna (s.str.) loewii** (Zeller, 1846) (Arctiidae) Synonym(s): *loewii* Zeller, 1846; *clathrata* Lederer, 1855; *andresi* Draudt, 1931.
282. **Phragmatobia fuliginosa** (Linnaeus, 1758) (Arctiidae) Synonym(s): *fuliginosa* Linnaeus, 1758; *fervida* Staudinger, 1871 nec Walk., 1855; *lurida* Rothschild, 1910; *monticola* Daniel, 1970 nec Reiss., 1934
283. **Phragmatobia placida** (Frivaldsky, 1835) (Arctiidae) Synonym(s): *placida* Frivaldsky, 1835
284. **Rhyparia purpurata** (Linnaeus, 1758) (Arctiidae) Synonym(s): *purpurata* Linnaeus, 1758; *purpurea* Linnaeus, 1767; *uralensis* Spuler, 1906; *barteli* Krulikowsky, 1909.
285. **Tyria jacobaeae** (Linnaeus, 1758) (Arctiidae) Synonym(s): *jacobaeae* Linnaeus, 1758; *senecionis* Godart, 1823; *confluens* Schultz, 1908.
286. **Utetheisa (s.str.) pulchella** (Linnaeus, 1758) (Arctiidae) Synonym(s): *pulchella* Linnaeus, 1758; *pulchra* [Denis & Schiffermüller], 1775; *thyer* Butler, 1877; *shyama* Bhattacharjee & Gupta, 1969; *menoni* Bhattacharjee & Gupta, 1969.
287. **Aglais urticae** (Linnaeus, 1758) (Argynnidae) Synonym(s): *urticae* Linnaeus, 1758; *opima* Verity, 1919; *variegata* Querci, 1932; *strandi* Verity, 1936.
288. **Argynnis (Fabriciana) niobe** (Linnaeus, 1758) (Argynnidae) Synonym(s): *niobe* Linnaeus, 1758.
289. **Argynnis (Pandoriana) pandora** ([Denis & Schiffermüller], 1775) (Argynnidae) Synonym(s): *pandora* [Denis & Schiffermüller], 1775; *maja* Cramer, 1775 nec Fabricius, 1775; *cynara* Fabricius, 1777; *cyrnea* Schwerda, 1926; *transcaucasica* Moucha, 1967; *deserticola* Gross & Ebert, 1975.
290. **Argynnis (Speyeria) aglaja** (Linnaeus, 1758) (Argynnidae) Synonym(s): *aglaja* Linnaeus, 1758; *charlotta* Haworth, 1802; *emilia* Acerbi, 1802 nec Cr., 1779; *caroletta* Jermyn, 1827; *locuples* Verity, 1919 nec Butler, 1879; *emilocuples* Verity, 1919; *locupletata* Verity, 1922; *montesignum* Sagarra, 1926.
291. **Argynnis (s.str.) paphia** (Linnaeus, 1758) (Argynnidae) Synonym(s): *paphia* Linnaeus, 1758; *valesina* Esper, [1798]; *magnata* Verity, 1919; *revelata* Verity, 1934; *magnifica* Verity, 1919; *magnificamagnata* Verity, 1950.
292. **Brenthis hecate** ([Denis & Schiffermüller], 1775) (Argynnidae) Synonym(s): *hecate* [Denis & Schiffermüller], 1775; *harmothoe* Fruhstorfer, 1917; *florida* Verity, 1919; *stricta* Verity, 1933.
293. **Brenthis mofidii** Wyatt, 1968 (Argynnidae) Synonym(s): *mofidii* Wyatt, 1968
294. **Vanessa (Cynthia) cardui** (Linnaeus, 1758) (Argynnidae) Synonym(s): *cardui* Linnaeus, 1758; *carduelis* Cramer, 1775; *elymi* Rambur, 1829; *kershawi* McCoy, 1868; *pallida* Schöyen, 1881; *universa* Verity, 1919; *takesakiana* Kato, 1925.
295. **Euapatura mirza** Ebert, 1971 (Argynnidae) Synonym(s): *mirza* Ebert, 1971; *iwasei* Igarashi, 1971.
296. **Euphydryas (Eurodryas) aurinia** (Rottemburg, 1775) (Argynnidae) Synonym(s): *aurinia* Rottemburg, 1775; *artemis* [Denis & Schiffermüller], 1775; *lye* Bergsträßer, [1779]; *koloswarensis* Piller & Mitterpacher, 1783; *scotica* Robson, 1880; *signifera* Kane, 1893; *anglicana* Fruhstorfer, 1917; *acedia* Fruhstorfer, 1917.
297. **Issoria lathonia** (Linnaeus, 1758) (Argynnidae) Synonym(s): *lathonia* Linnaeus, 1758; *saturata* Röber, 1897; *hungarica* Aigner-Abafi, 1906; *florens* Verity, 1916; *emiflorens* Verity, 1919; *attenuata* Sagarra, 1926; *nigroprivata* Verity, 1933.
298. **Limenitis (Azuritis) reducta** Staudinger, 1901 (Argynnidae) Synonym(s): *reducta* Staudinger, 1901.

299. **Melitaea (Cinclidia) (phoebe) phoebe (Goeze,1779)** (Argynnidae) Synonym(s): *#phoebe* [Denis & Schiffermüller,1775; *phoebe* Goeze,1779; *paedotropos* Bergsträßer,[1780]; *tremulae* Piller & Mitterpacher,1783.
300. **Melitaea (Cinclidia) (phoebe) punica Oberthür,1876** (Argynnidae) Synonym(s): *punica* Oberthür,1876
301. **Melitaea (Cinclidia) collina Lederer,1861** (Argynnidae) Synonym(s): *collina* Lederer,1861
302. **Melitaea (Didymaeformis) didyma (Esper,[1779])** (Argynnidae) Synonym(s): *didyma* Esper,[1779]; *armoricana* Oberthür,1909.
303. **Melitaea (Didymaeformis) fascelis (Fabricius,1787)** (Argynnidae) Synonym(s): *#trivia* Denis & Schiffermüller,1775; *iphigenia* Esper,1782 (praeoc.); *#fascelis* Esper,1783; *fascelis* Fabricius,1787; *cleo* Latreille,1803
304. **Melitaea (Didymaeformis) persea Kollar,[1849]** (Argynnidae) Synonym(s): *persea* Kollar,[1849]; *caucasica* Staudinger,1861; *magnacasta* Verity,1929; *araratica* Verity,1929; *sargon* Hemming,1932; *tauricus* Belter,1934; *caucasicola* Bryk,1940; *hafiz* Higgins,1941; *gina* Higgins,1941; *darius* Gross & Ebert,1975; *pfeifferi* Gross & Ebert,1975 (praeocc.); *wernickei* Gross & Ebert,1975; *elbursicola* Gross & Ebert,1975; *safawides* Gross & Ebert,1975.
305. **Melitaea (s.str.) arduinna (Fabricius,1787)** (Argynnidae) Synonym(s): *arduinna* Fabricius,1787; *rhodopensis* Freyer,[1836]; *uralensis* Eversmann,1844.
306. **Melitaea (s.str.) cinxia (Linnaeus,1758)** (Argynnidae) Synonym(s): *cinxia* Linnaeus,1758; *abacus* Retzius,1783; *fulla* Quensel,1791.
307. **Nymphalis polychloros (Linnaeus,1758)** (Argynnidae) Synonym(s): *polychloros* Linnaeus,1758; *testudo* Esper,1781; *pyrrhomelaena* Hübner,1824; *pyromelas* Freyer,1834; *fervida* Standfuss,1896.
308. **Polygonia (Comma) c-album (Linnaeus,1758)** (Argynnidae) Synonym(s): *c-album* Linnaeus,1758; *g-album* Fourcroy,1785.
309. **Polygonia (Comma) egea (Cramer,[1775])** (Argynnidae) Synonym(s): *egea* Cramer,[1775] (junior homonym); *vaualbum* Esper,1780; *l-album* Esper,1789; *triangulum* Fabricius,1793; *autumnalis* Stefanelli,1873; *#balucha* Evans,1932; *#pallida* Evans,1932.
310. **Thaleropsis ionia (Eversmann,1851)** (Argynnidae) Synonym(s): *ionia* Eversmann,1851; *ammonia* Herrich-Schäffer,1851.
311. **Vanessa (s.str.) atalanta (Linnaeus,1758)** (Argynnidae) Synonym(s): *atalanta* Linnaeus,1758; *amiralis* Retzius,1783; *#klemensiewiczzi* Schille,1896; *#klimene* Fischer,1896; *italica* Stichel,1900.
312. **Hecestoptera kyra Gozmany,1961** (Autostichidae) Synonym(s): *kyra* Gozmany,1961
313. **Holcypogon bubulcellus (Staudinger,1859)** (Autostichidae) Synonym(s): *bubulcellus* Staudinger,1859; *pulverulellus* Constant,1865; *barbata* Walsingham,1900.
314. **Brachodes appendiculata (Esper,[1783])** (Brachodidae) Synonym(s): *appendiculata* Esper,[1783]; *vahlana* Fabricius,1787; *saldonana* Fabricius,1787; *chimaera* Hübner,1796; *lucida* Lederer,1853; *powelli* Oberthür,1922; *gerassimovii* Kozhantschikov,1923
315. **Brachodes candefacta (Lederer,1858)** (Brachodidae) Synonym(s): *candefacta* Lederer,1858; *diacona* Lederer,1858
316. **Brahmaea (s.str.) christophi Staudinger,1879** (Brahmaeidae) Synonym(s): *christophi* Staudinger,1879
317. **Brahmaea (s.str.) ledereri Rogenhofer,1873** (Brahmaeidae) Synonym(s): *ledereri* Rogenhofer,1873
318. **Choreutis muhabbet Koçak,2008** (Choreutidae) Synonym(s): *muhabbet* Koçak,2008
319. **Axia (Epicimelia) theresiae (Korb,1900)** (Cimeliidae) Synonym(s): *theresiae* Korb,1900
320. **Coleophora armeniae Baldizzone & Patzak,1991** (Coleophoridae) Synonym(s): *armeniae* Baldizzone & Patzak,1991
321. **Coleophora bagorella (Falkovitsh,1977)** (Coleophoridae) Synonym(s): *bagorella* Falkovitsh,1977; *capusiella* Nemeş,2003
322. **Azygophleps regia (Staudinger,1892)** (Cossidae) Synonym(s): *regia* Staudinger,1892
323. **Cossulus argentatus (Staudinger,1887)** (Cossidae) Synonym(s): *argentatus* Staudinger,1887; *araxes* De Freina,1982
324. **Cossus cossus (Linnaeus,1758)** (Cossidae) Synonym(s): *cossus* Linnaeus,1758; *unguiculatus* Fabricius,1794; *ligniperda* Fabricius,1794
325. **Dyspessacossus fereidun Groum-Grshimailo,1895** (Cossidae) Synonym(s): *fereidun* Groum-Grshimailo,1895; *firdusi* Wagner,1937.
326. **Isoceras huberi Eitschberger & Ströhle,1987** (Cossidae) Synonym(s): *huberi* Eitschberger & Ströhle,1987
327. **Paracossulus thrips (Hübner,[1818])** (Cossidae) Synonym(s): *thrips* Hübner,[1818]; *fuchsiana* Eversmann,1832; *kindermanni* Freyer,1836.
328. **Phragmacossia albida (Erschoff,1874)** (Cossidae) Synonym(s): *albida* Erschoff,1874
329. **Semagystia cuhensis De Freina,1994** (Cossidae) Synonym(s): *cuhensis* De Freina,1994
330. **Zeuzera pyrina (Linnaeus,1761)** (Cossidae) Synonym(s): *pyrina* Linnaeus,1761; *hypocastani* Poda,1761; *aesuli* Linnaeus,1767; *hilaris* Fourcroy,1785; *octopunctata* Boisduval,1832; *decipiens* Kirby,1892
331. **Amata hakkariana (De Freina,1982)** (Ctenuchidae) Synonym(s): *hakkariana* De Freina,1982
332. **Dysauxes (s.str.) famula (Freyer,1836)** (Ctenuchidae) Synonym(s): *famula* Freyer,1836; *hyalina* Freyer,1845; *ragusaria* Zickert,1904; *herthina* Stauder,1921; *burgeffi* Draudt,1931; *taurica* Draudt,1931; *pseudoservula* Naufock,1933; *pontica* Friese,1959; *sofiata* De Laever,1983; *lucana* De Laever,1983.
333. **Tinagma anhusellum (Benander,1936)** (Douglasiidae) Synonym(s): *anhusellum* Benander,1936
334. **Cilix asiatica A.Bang-Haas,1907** (Drepanidae) Synonym(s): *asiatica* A.Bang-Haas,1907; *depalpata* Strand,1913
335. **Watsonalla binaria (Hufnagel,1767)** (Drepanidae) Synonym(s): *binaria* Hufnagel,1767; *falcata* Fabricius,1775; *falculataria* Villers,1789; *falcatalis* Haworth,1802; *uncula* Hübner,[1802]

336. **Elachista pollutella (Duponchel,1844)** (Elachistidae) Synonym(s): *pollutella Duponchel,1844*
337. **Epermenia (Calotripis) insecurella (Stainton,1849)** (Epermeniidae) Synonym(s): *insecurella Stainton,1849; dentosella Stainton,1851; iniquellus Wocke,1867; plumbeella Rebel,1915; kruegerella Schawerda,1921.*
338. **Ethmia amasina (Staudinger,1879)** (Ethmiidae) Synonym(s): *amasina Staudinger,1879*
339. **Ethmia aurifluella (Hübner,[1810])** (Ethmiidae) Synonym(s): *aurifluella Hübner,[1810]; albarracinella Ragonot,1882.*
340. **Ethmia candidella (Alpheraky,1908)** (Ethmiidae) Synonym(s): *candidella Alpheraky,1908; orientella Caradja,1931.*
341. **Ethmia chrysopyga (Zeller,1844)** (Ethmiidae) Synonym(s): *chrysopyga Zeller,1844; callidella Walsingham,1910.*
342. **Ethmia pseudoscythrella (Rebel,1902)** (Ethmiidae) Synonym(s): *pseudoscythrella Rebel,1902*
343. **Ethmia similis Sattler,1967** (Ethmiidae) Synonym(s): *similis Sattler,1967*
344. **Ethmia tripunctella (Staudinger,1879)** (Ethmiidae) Synonym(s): *tripunctella Staudinger,1879*
345. **Dirhinosia arnoldiella (Rebel,1905)** (Gelechiidae) Synonym(s): *arnoldiella Rebel,1905*
346. **Harpagidia magnetella (Staudinger,[1871])** (Gelechiidae) Synonym(s): *magnetella Staudinger,[1871]; pallidibasella Ragonot,1895*
347. **Isophrictis anthemidella (Wocke,1871)** (Gelechiidae) Synonym(s): *anthemidella Wocke,1871*
348. **Stomopteryx deterrentella (Zeller,1847)** (Gelechiidae) Synonym(s): *deterrella Zeller,1847*
349. **Alsophila hirsutaria (Fabricius,1781)** (Geometridae) Synonym(s): *#aescularia [Denis & Schiffermüller],1775; hirtaria Fabricius,[1776] nec Linn.,1761; hirsutaria Fabricius,1781; murinaria Borkhausen,1794.*
350. **Amorphognia necessaria (Zeller,1849)** (Geometridae) Synonym(s): *necessaria Zeller,1849*
351. **Aplasta ononaria (Fuessly,1783)** (Geometridae) Synonym(s): *ononaria Fuessly,1783; rubellata Villers,1789; rubicapraria Hübner,1793; sudataria Hübner,[1817]; ononata Bellier,1861*
352. **Aplocera annexata (Freyer,[1830])** (Geometridae) Synonym(s): *annexata Freyer,[1830]; boisduvaliata Duponchel,1831*
353. **Aplocera guneyi Riemis,1992** (Geometridae) Synonym(s): *guneyi Riemis,1992*
354. **Docirava mundulata (Guenée,[1858])** (Geometridae) Synonym(s): *mundulata Guenée,[1858]; submundulata Staudinger,1892*
355. **Aplocera obsitaria (Lederer,1853)** (Geometridae) Synonym(s): *obsitaria Lederer,1853; pseudopallidata Bytinski-Salz & Brandt,1937*
356. **Aplocera opificata (Lederer,1870)** (Geometridae) Synonym(s): *opificata Lederer,1870; kawrigini Christoph,1885.*
357. **Aplocera plagiata (Linnaeus,1758)** (Geometridae) Synonym(s): *plagiata Linnaeus,1758; pallidata Staudinger,1879.*
358. **Apochima diaphanaria (Püngeler,1904)** (Geometridae) Synonym(s): *diaphanaria Püngeler,1904*
359. **Campaea margaritaria (Linnaeus,1761)** (Geometridae) Synonym(s): *margaritaria Linnaeus,1761; margaritata Linnaeus,1767; vernaria Hufnagel,1767; sesquistriaria Knoch,1781; straminea Retzius,1783; nayas Fourcroy,1785; vitriolata Cyrilli,1787; straminearia Villers,1789; rubrociliata Schawerda,1932*
360. **Campptogramma bilineatum (Linnaeus,1758)** (Geometridae) Synonym(s): *bilineata Linnaeus,1758; brocatella Fourcroy,1785; dumetata Schrank,1802; bilinearia Boisduval,1840; musauria Freyer,1846; testaceolata Staudinger,1871*
361. **Catarhoe permixtaria (Guenée,[1858])** (Geometridae) Synonym(s): *#permixtaria Herrich-Schäffer,1851; permixtaria Guenée,[1858]*
362. **Catarhoe putridaria (Herrich-Schäffer,[1852])** (Geometridae) Synonym(s): *putridaria Herrich-Schäffer,[1852]; bulgariata Millière,1868*
363. **Catarhoe rubidata ([Denis & Schiffermüller],1775)** (Geometridae) Synonym(s): *rubidata [Denis & Schiffermüller],1775*
364. **Chiasmia (Godonela) aestimaria (Hübner,[1809])** (Geometridae) Synonym(s): *aestimaria Hübner,[1809]; contemptata Guenée,[1858]; aestimata Herrich-Schäffer,1861; tunesella Lucas,1949.*
365. **Chiasmia (Godonela) cesa sp.n.** (Geometridae) Synonym(s):
366. **Chiasmia clathrata (Linnaeus,1758)** (Geometridae) Synonym(s): *clathrata Linnaeus,1758; almacola Wehrli,1934.*
367. **Chlorissa asphaleia Wiltshire,1966** (Geometridae) Synonym(s): *asphaleia Wiltshire,1966; #esphaleia Scoble,1999 [this incorrect spelling name was used by Scoble (1999: 139) as a valid name, as if it were a true species in the world].*
368. **Chloroclysta miata (Linnaeus,1758)** (Geometridae) Synonym(s): *miata Linnaeus,1758; miaria [Denis & Schiffermüller],1775; viridifasciaria Goeze,1781; virgata Fourcroy,1785 nec Hufn.,1767; coraciata Hübner,[1799]; viridulata Zetterstedt,1839; coraciaria La Harpe,1853*
369. **Chloroclysta siterata (Hufnagel,1767)** (Geometridae) Synonym(s): *siterata Hufnagel,1767; psittacata [Denis & Schiffermüller],1775; rubroviridata Donovan,1810; psittacaria Boisduval,1840*
370. **Cidaria fulvata (Forster,1771)** (Geometridae) Synonym(s): *fulvata Forster,1771; cuspidata Thunberg,1784*
371. **Crocallis (s.str.) elinguaris (Linnaeus,1758)** (Geometridae) Synonym(s): *elinguaris Linnaeus,1758; trapezaria Boisduval,1840*
372. **Cyclophora quercimontaria (Bastelberger,1897)** (Geometridae) Synonym(s): *quercimontaria Bastelberger,1897; nigrosarsaria Scoble,1999; privataria Scoble,1999*
373. **Dasycorsa modesta (Staudinger,1879)** (Geometridae) Synonym(s): *modesta Staudinger,1879*



374. **Dyscia (Calodyscia) innocentaria (Christoph,1885)** (Geometridae) Synonym(s): *innocentaria* Christoph,1885; *sicanaria* Oberthür,1923; *sicula* Reisser,1940; *#innocentana* Pugaev & Zolotuhin,2006
375. **Dyscia (s.str.) conspersaria ([Denis & Schiffermüller],1775)** (Geometridae) Synonym(s): *conspersaria* [Denis & Schiffermüller],1775; *cuniculina* Hübner,1790; *cunicularia* Esper,1803; *turturaria* Boisduval,1840; *#conspersana* Pugaev & Zolotuhin,2006
376. **Dyscia (s.str.) lentiscaria (Donzel,1837)** (Geometridae) Synonym(s): *lentiscaria* Donzel,1837; *agacles* Oberthür,1923
377. **Ellicrinia cordiaria (Hübner,1790)** (Geometridae) Synonym(s): *cordiaria* Hübner,1790
378. **Ellicrinia subcordaria (Herrich-Schäffer,[1852])** (Geometridae) Synonym(s): *tritomata* Fischer de Waldheim,1840; *subcordaria* Herrich-Schäffer,[1852]; *anicularia* Eversmann,1852; *freitagaria* Möschler,1854; *subcordata* Herrich-Schäffer,1861.
379. **Enanthyperythra legataria (Herrich-Schäffer,[1852])** (Geometridae) Synonym(s): *legataria* Herrich-Schäffer,[1852]
380. **Euphyia scopulata (Brandt,1938)** (Geometridae) Synonym(s): *scopulata* Brandt,1938
381. **Eupithecia breviculata (Donzel,1837)** (Geometridae) Synonym(s): *breviculata* Donzel,1837; *anatolica* Schwingenschuss,1939; *georgica* Vojnits,1977.
382. **Eupithecia distinctaria Herrich-Schäffer,[1848]** (Geometridae) Synonym(s): *distinctaria* Herrich-Schäffer,[1848]; *constrictata* Guenée,[1858]; *sextiata* Dardoin & Millière,1867; *piemonticola* Schwingenschuss,1954
383. **Eupithecia extremata (Fabricius,1787)** (Geometridae) Synonym(s): *extremata* Fabricius,1787; *glaucomictata* Mann,1855; *hangayi* Vojnits,1977.
384. **Eupithecia gratiosata Herrich-Schäffer,1861** (Geometridae) Synonym(s): *gratiosata* Herrich-Schäffer,1861; *subseparata* Christoph,1885
385. **Eupithecia gueneata Millière,1862** (Geometridae) Synonym(s): *gueneata* Millière,1862; *busambraria* Ragusa,1889
386. **Eupithecia icterata (Villers,1789)** (Geometridae) Synonym(s): *icterata* Villers,1789; *oxydata* Treitschke,1828; *cognata* Stephens,1831; *ligustigata* Donzel,1838; *ferrugata* Duponchel,1842; *#ligusticata* Dietze,1910
387. **Eupithecia oblongata (Thunberg,1784)** (Geometridae) Synonym(s): *#centaureata* [Denis & Schiffermüller],1775; *oblongata* Thunberg,1784; *boloniensis* Fourcroy,1875; *centralisata* Staudinger,1892; *chinae* Vojnits,1977.
388. **Eupithecia silenicolata Mabille,1867** (Geometridae) Synonym(s): *silenicolata* Mabille,1867
389. **Eupithecia venosata (Fabricius,1787)** (Geometridae) Synonym(s): *venosata* Fabricius,1787; *insignata* Hübner,1789; *decussata* Donovan,1799; *comparanda* Vojnits,1981
390. **Eupithecia vulgata (Haworth,[1809])** (Geometridae) Synonym(s): *vulgata* Haworth,[1809]; *pygmaeata* Borkhausen,1794; *clusterata* Hübner,[1813]; *austeraria* Herrich-Schäffer,1848; *atropicta* Dietze,1910; *cyrneata* Schawerda,1933
391. **Gnopharmia rubraria Staudinger,1892** (Geometridae) Synonym(s): *rubraria* Staudinger,1892
392. **Gnophos (Dicrognophos) snelleni Christoph,1887** (Geometridae) Synonym(s): *snelleni* Christoph,1887
393. **Gnophos (Organognophos) wanensis Wehrli,1936** (Geometridae) Synonym(s): *wanensis* Wehrli,1936
394. **Heliomata glarearia (Brahm,1791)** (Geometridae) Synonym(s): *#glarearia* [Denis & Schiffermüller],1775; *glarearia* Brahm,1791.
395. **Holoterpna pruinosa (Staudinger,1898)** (Geometridae) Synonym(s): *pruinosa* Staudinger,1898
396. **Hyposcotis (?) mutilata (Staudinger,1879)** (Geometridae) Synonym(s): *mutilata* Staudinger,1879
397. **Hyposcotis (Euchrognophos) nannodes (Wehrli,1936)** (Geometridae) Synonym(s): *nannodes* Wehrli,1936
398. **Hyposcotis (Euchrognophos) variegata (Duponchel,1830)** (Geometridae) Synonym(s): *variegatus* Duponchel,1830; *#subtaurica* Wehrli,1932.
399. **Hyposcotis (Kemtroglyphos) zeitunaria (Staudinger,1901)** (Geometridae) Synonym(s): *zeitunaria* Staudinger,1901
400. **Idaea aversata (Linnaeus,1758)** (Geometridae) Synonym(s): *aversata* Linnaeus,1758; *remutata* Linnaeus,1758; *lividata* Clerck,1759; *trilineata* Hufnagel,1767; *grisata* Fabricius,[1776]; *murinata* Fabricius,1794; *aversaria* Hübner,[1799]; *fuliginata* Haworth,1809; *latifasciaria* Heydenreich,1851.
401. **Idaea degeneraria (Hübner,[1799])** (Geometridae) Synonym(s): *degeneraria* Hübner,[1799]; *degenerata* Treitschke,1828; *floridaria* Turati,1913
402. **Idaea filicata (Hübner,[1799])** (Geometridae) Synonym(s): *filicata* Hübner,[1799]; *filicaria* Duponchel,1830; *levequei* Leraut,2003
403. **Idaea humiliata (Hufnagel,1767)** (Geometridae) Synonym(s): *humiliata* Hufnagel,1767; *osseata* [Denis & Schiffermüller],1775; *ossearia* Hübner,[1799]
404. **Idaea ochrata (Scopoli,1763)** (Geometridae) Synonym(s): *ochrata* Scopoli,1763; *#ochreatea* [Denis & Schiffermüller],1775; *corrigata* Fabricius,1781; *ochrearia* Schrank,1802 nec Ross.,1794; *sicula* Zeller,1847; *accretata* Fuchs,1901
405. **Idaea ossiculata (Lederer,1871)** (Geometridae) Synonym(s): *ossiculata* Lederer,1871
406. **Idaea rufaria (Hübner,[1799])** (Geometridae) Synonym(s): *rufaria* Hübner,[1799]; *ochridana* Silbernagel,1944
407. **Idaea sylvestraria (Hübner,[1799])** (Geometridae) Synonym(s): *sylvestraria* Hübner,[1799]; *marginipunctata* Stephens,1831 nec Gz.,1781; *straminata* Treitschke,1835 nec Bkh.,1794; *grammicaria* Boisduval,1840; *circellata* Guenée,1858; *folognearia* Staudinger,1863; *graciliata* Mann,1867; *shiskensis* Matsumura,1925; *minuta* Heydemann,1933

408. **Idaea trigeminata (Haworth, [1809])** (Geometridae) Synonym(s): *trigeminata* Haworth, [1809]; *reversata* Treitschke, 1828; *reversaria* Duponchel, 1830.
409. **Larerannis marginaria (Fabricius, 1777)** (Geometridae) Synonym(s): *marginaria* Fabricius, 1777; *testacea* Retzius, 1783; *testacearia* Villers, 1789; *progemmaria* Hübner, [1799]; *capreolaria* Esper, 1801 nec [Den. & Schiff.], 1775; *luctuaria* Haworth, 1809; *connectaria* Haworth, 1809; *stictaria* Haworth, 1809
410. **Lithostege farinata (Hufnagel, 1767)** (Geometridae) Synonym(s): *farinata* Hufnagel, 1767; *illibata* [Denis & Schiffermüller], 1775; *nivearia* Hübner, [1799]; *albaria* Turton, 1802; *bachmutensis* L.B. Prout, 1938
411. **Lithostege flavicornata (Zeller, 1847)** (Geometridae) Synonym(s): *flavicornata* Zeller, 1847
412. **Lomaspilis opis (Butler, 1878)** (Geometridae) Synonym(s): *opis* Butler, 1878
413. **Lythria cruentaria (Hufnagel, 1767)** (Geometridae) Synonym(s): *purpurata* Linnaeus, 1761 nec Linn., 1758; *cruentaria* Hufnagel, 1767; *rotaria* Fabricius, 1798; *sordidaria* Zetterstedt, 1839.
414. **Neognopharmia stevenaria (Boisduval, 1840)** (Geometridae) Synonym(s): *stevenaria* Boisduval, 1840; *lapidisaria* Freyer, 1841
415. **Nychiodes (Eunychiodes) variabila Brandt, 1938** (Geometridae) Synonym(s): *variabila* Brandt, 1938; *#variabilis* auct.
416. **Nychiodes (Fritzwagneria) rayatica Wiltshire, 1957** (Geometridae) Synonym(s): *rayatica* Wiltshire, 1957
417. **Nychiodes (s.str.) obscuraria (Villers, 1789)** (Geometridae) Synonym(s): *obscuraria* Villers, 1789; *obscurata* Borkhausen, 1794; *lividaria* Hübner, [1799]
418. **Odezia atrata (Linnaeus, 1758)** (Geometridae) Synonym(s): *atrata* Linnaeus, 1758; *chaerophyllata* Linnaeus, 1767; *chaerophyllaria* Boisduval, 1840; *pyrenaica* Gumpfenberg, 1887; *meridionalis* Reisser, 1935
419. **Opisthograptis luteolata (Linnaeus, 1758)** (Geometridae) Synonym(s): *luteolata* Linnaeus, 1758; *crataegata* Linnaeus, 1761; *crataegaria* Hübner, [1823]; *#emaculata* Graeser, 1892; *impunctata* Osthelder, 1931.
420. **Orthonama obstipata (Fabricius, 1794)** (Geometridae) Synonym(s): *obstipata* Fabricius, 1794; *fluviata* Hübner, [1799]; *gemmata* Hübner, 1799; *albicinctata* Haworth, 1809; *angustata* Haworth, 1809; *quaerendaria* Costa, 1850; *baccata* Guenée, [1858]; *lapillata* Guenée, [1858]; *contrariata* Walker, 1862; *exagitata* Walker, 1862; *intrusata* Walker, 1862; *peracutata* Walker, 1862; *signataria* Walker, 1863; *obruptata* Walker, 1863; *pigrata* Walker, 1866; *plemyrata* R. Felder & Rogenhofer, 1875; *inconspicua* Warren, 1896; *brunneipennis* Hulst, 1896; *discata* Warren, 1905
421. **Orthostixis calcularia Lederer, 1853** (Geometridae) Synonym(s): *calcularia* Lederer, 1853
422. **Orthostixis cribraria (Hübner, [1799])** (Geometridae) Synonym(s): *cribraria* Hübner, [1799].
423. **Oulobophora externata Freyer, 1846** (Geometridae) Synonym(s): *#externata* Herrich-Schäffer, 1843; *externata* Freyer, 1846; *turcosyrica* Wehrli, 1934.
424. **Ourapteryx malatyensis Wehrli, 1936** (Geometridae) Synonym(s): *malatyensis* Wehrli, 1936; *#malatyana* Wehrli, 1936 [Tafel II].
425. **Pasiphila rectangulata (Linnaeus, 1758)** (Geometridae) Synonym(s): *rectangulata* Linnaeus, 1758; *viridulata* Hufnagel, 1767; *cydoniata* Borkhausen, 1794; *mediana* Panzer, 1804; *nigrocericeata* Haworth, 1809; *sericeata* Haworth, 1809; *subaerata* Hübner, [1817]; *rectangularia* Boisduval, 1840
426. **Pellonia vibicaria (Linnaeus, 1761)** (Geometridae) Synonym(s): *#vibicaria* Clerck, 1759; *vibicaria* Linnaeus, 1761; *cruentata* Scopoli, 1763; *rubrofasciata* Hufnagel, 1767; *artriosa* Fourcroy, 1785; *cruentaria* Villers, 1789.
427. **Peribatodes rhomboidarius [Denis & Schiffermüller], 1775** (Geometridae) Synonym(s): *#rhomboidaria* [Denis & Schiffermüller], 1775; *inaequalis* Goeze, 1781; *gemmaria* Brahm, 1791; *ichnusaria* Ghiliani, 1852; *corsicaria* Schawerda, 1931; *saerdabensis* Wehrli, 1943
428. **Peribatodes umbrarius (Hübner, [1809])** (Geometridae) Synonym(s): *umbraria* Hübner, [1809]; *vaucheri* Thierry-Mieg, 1916
429. **Phaiogramma etruscaria (Zeller, 1849)** (Geometridae) Synonym(s): *etruscaria* Zeller, 1849; *pulmentaria* Guenée, [1858]; *palaestinensis* Fuchs, 1903.
430. **Phaselia serrularia (Eversmann, 1847)** (Geometridae) Synonym(s): *serrularia* Eversmann, 1847; *phaeoleucaria* Lederer, 1855.
431. **Philereme transversata (Hufnagel, 1767)** (Geometridae) Synonym(s): *transversata* Hufnagel, 1767; *rhamnata* [Denis & Schiffermüller], 1775.
432. **Proutictis artesiaria ([Denis & Schiffermüller], 1775)** (Geometridae) Synonym(s): *artesiaria* [Denis & Schiffermüller], 1775
433. **Pseudopanthera syriacata (Guenée, 1852)** (Geometridae) Synonym(s): *syriacata* Guenée, 1852; *#syriacaria* Wiltshire, 1958
434. **Pydna badiaria (Freyer, [1841])** (Geometridae) Synonym(s): *badiaria* Freyer, [1841]; *telaria* Herrich-Schäffer, [1847]; *cervinaria* Herrich-Schäffer, [1847]; *praecanaria* Eversmann, 1847; *pollenaria* Freyer, 1854.
435. **Pydna bahara (Brandt, 1938)** (Geometridae) Synonym(s): *bahara* Brandt, 1938
436. **Rhodometra sacraria (Linnaeus, 1767)** (Geometridae) Synonym(s): *sacraria* Linnaeus, 1767; *labda* Cramer, 1777; *sacralis* Thunberg, 1784; *fulvaria* Fabricius, 1794; *sanguinaria* Esper, 1801; *minervae* Gistel, 1856; *labdaria* Guenée, [1858];
437. **Rhodostrophia auctata (Staudinger, 1879)** (Geometridae) Synonym(s): *auctata* Staudinger, 1879
438. **Rhodostrophia cuprinaria (Christoph, 1876)** (Geometridae) Synonym(s): *cuprinaria* Christoph, 1876; *phaenicearia* Hampson, 1907.
439. **Rhodostrophia discopunctata Amsel, 1935** (Geometridae) Synonym(s): *tabidaria* auct. nec Zell., 1847; *discopunctata* Amsel, 1935
440. **Rhodostrophia sieversi (Christoph, 1882)** (Geometridae) Synonym(s): *sieversi* Christoph, 1882
441. **Rhodostrophia sp.n.** (Geometridae) Synonym(s):
442. **Scopula beckeraria (Lederer, 1853)** (Geometridae) Synonym(s): *beckeraria* Lederer, 1853

443. **Scopula decorata** ([Denis & Schiffermüller],1775) (Geometridae) Synonym(s): *decorata* [Denis & Schiffermüller],1775; *cinerata* Fabricius,1781; *violata* Thunberg,1784; *caerulata* Gmelin,1790; *decoraria* Hübner,[1799]; *ornataria* Esper,[1806].
444. **Scopula immistaria** (Herrich-Schäffer,[1852]) (Geometridae) Synonym(s): *#elisabetharia* Heydenreich,1851; *immistaria* Herrich-Schäffer,[1852]
445. **Scopula incanata** (Linnaeus,1758) (Geometridae) Synonym(s): *incanata* Linnaeus,1758; *variegata* Scopoli,1763; *mediata* Fabricius,1777; *planata* Villers,1789; *incanaria* Hübner,[1825]; *mutata* Treitschke,1828; *mutataria* Duponchel,1830; *adjunctaria* Boisduval,1840; *demutaria* Bruand,1846
446. **Scopula marginepunctata** (Goeze,1781) (Geometridae) Synonym(s): *marginepunctata* Goeze,1781; *conjugata* Borkhausen,1794; *aniculosata* Rambur,1829; *puellaria* Boisduval,1840; *mutaria* Heydenreich,1851; *promutata* Guenée,[1858]; *promutaria* Morris,1861; *apertaria* Walker,[1863]; *madoniata* Fuchs,1901; *pastoraria* De Joannis,1891
447. **Scopula ochraceata** (Staudinger,1901) (Geometridae) Synonym(s): *ochraceata* Staudinger,1901
448. **Scopula orientalis** (Alpheraky,1876) (Geometridae) Synonym(s): *orientalis* Alpheraky,1876
449. **Scopula ornata** (Scopoli,1763) (Geometridae) Synonym(s): *ornata* Scopoli,1763; *instilata* Hufnagel,1767; *paludata* Linnaeus,1767; *institata* Rottemburg,1777; *interrupta* Goeze,1781; *intersecta* Fourcroy,1785.
450. **Scopula tessellaria** (Boisduval,1840) (Geometridae) Synonym(s): *tessellaria* Boisduval,1840; *pulverulentaria* Selys-Longchamps,1844; *tabianaria* Turati,1905; *proutiana* Sheljuzhko,1955
451. **Scotopteryx chenopodiata** (Linnaeus,1758) (Geometridae) Synonym(s): *chenopodiata* Linnaeus,1758; *limitata* Scopoli,1763; *zonata* Hufnagel,1767; *olivaceofasciata* Retzius,1783; *chenopodiaria* Haworth,1809; *mensuraria* sensu Duponchel,1829
452. **Scotopteryx kuznetzovi** (Vardikjan,1957) (Geometridae) Synonym(s): *kuznetzovi* Vardikjan,1957
453. **Scotopteryx vicinaria** (Duponchel,1830) (Geometridae) Synonym(s): *vicinaria* Duponchel,1830; *zumsteinaria* Harpe,1862; *illyriacaria* Schawerda,1919
454. **Selenia lunularia** (Hübner,1788) (Geometridae) Synonym(s): *lunaria* [Denis & Schiffermüller],1775 nec Fabr.,1775; *lunularia* Hübner,1788; *delunaria* Hübner,[1799]; *sublunaria* Stephens,1831
455. **Selidosema plumarium** ([Denis & Schiffermüller],1775) (Geometridae) Synonym(s): *#plumaria* [Denis & Schiffermüller],1775; *limbata* Rambur,1829.
456. **Siona lineata** (Scopoli,1763) (Geometridae) Synonym(s): *lineata* Scopoli,1763; *dealbata* Linnaeus,1767; *duplicata* Fourcroy,1785 nec Fabr.,1775; *dealbaria* Hübner,[1799]
457. **Stegania dilectaria** (Hübner,1790) (Geometridae) Synonym(s): *dilectaria* Hübner,1790; *commutataria* Hübner,[1819]; *commutata* Freyer,[1832]
458. **Synopsia sociaria** (Hübner,[1799]) (Geometridae) Synonym(s): *sociaria* Hübner,[1799]; *staudingeraria* Martorell,1874; *acuta* Wehrli,1926
459. **Tephрина sp.n.** (Geometridae) Synonym(s):
460. **Tephрина hopfferaria** (Staudinger,1879) (Geometridae) Synonym(s): *hopfferaria* Staudinger,1879
461. **Tephрина murinaria** ([Denis & Schiffermüller],1775) (Geometridae) Synonym(s): *murinaria* [Denis & Schiffermüller],1775; *nubecularia* Villers,1789; *myosaria* Esper,[1806]; *cineraria* Duponchel,1829; *buffonaria* Millièr,1855
462. **Thalera fimbrialis** (Scopoli,1763) (Geometridae) Synonym(s): *fimbrialis* Scopoli,1763; *thymiaria* Linnaeus,1767; *bupleuraria* [Denis & Schiffermüller],1775; *albaria* Esper,[1801]; *magnata* Fuchs,1903
463. **Thetidia persica** Hausmann,1996 (Geometridae) Synonym(s): *persica* Hausmann,1996
464. **Thetidia smaragdaria** (Fabricius,1787) (Geometridae) Synonym(s): *smaragdaria* Fabricius,1787
465. **Triphosa dubitata** (Linnaeus,1758) (Geometridae) Synonym(s): *dubitata* Linnaeus,1758
466. **Xanthorhoe fluctuata** (Linnaeus,1758) (Geometridae) Synonym(s): *fluctuata* Linnaeus,1758; *fibulata* Hufnagel,1767; *cinerata* Fourcroy,1785 nec Fabr.,1781; *costovata* Haworth,1809; *fluctuaria* Boisduval,1840
467. **Helioides roesella** (Linnaeus,1758) (Helioidinidae) Synonym(s): *roesella* Linnaeus,1758
468. **Triodia amasina** (Herrich-Schäffer,[1851]) (Hepialidae) Synonym(s): *amasina* Herrich-Schäffer,[1851]
469. **Carcharodus** (Lavatheria) **lavatherae** (Esper,[1783]) (Hesperiidae) Synonym(s): *lavatherae* Esper,[1783]; *australior* Verity,1919; *pyrenaicus* Ricard,1948.
470. **Carcharodus** (Lavatheria) **stauderi** Reverdin,1913 (Hesperiidae) Synonym(s): *stauderi* Reverdin,1913.
471. **Carcharodus** (Reverdinus) **flocciferus** (Zeller,1847) (Hesperiidae) Synonym(s): *flocciferus* Zeller,1847; *altheae* Hübner,[1803] nec Esp.,[1783]; *imperator* Hemming,1934; *alchymillae* Hemming,1936; *autumnalis* Verity,1940.
472. **Carcharodus** (Reverdinus) **orientalis** Reverdin,1913 (Hesperiidae) Synonym(s): *orientalis* Reverdin,1913; *centralanatolica* Pfeiffer,1927; *#aestatis* Graves,1928; *aestatis* Verity,1928; *postorientalis* Verity,1928; *maccabaeus* Hemming,1932.
473. **Carcharodus** (s.str.) **alcae** (Esper,[1780]) (Hesperiidae) Synonym(s): *alcae* Esper,[1780]; *malvae* Hufnagel,1766 nec Linn.,1758; *malvarum* Hoffmannsegg,1804; *magnaustalis* Verity,1924; *corsicus* Picard,1948.
474. **Eogenes alcides** Herrich-Schäffer,[1852] (Hesperiidae) Synonym(s): *alcides* Herrich-Schäffer,[1852]
475. **Erynnis** (Hesperopegasus) **marloyi** (Boisduval,[1834]) (Hesperiidae) Synonym(s): *marloyi* Boisduval,[1834]; *sericea* Freyer,1838; *rustan* Kollar,[1849].
476. **Erynnis** (s.str.) **tages** (Linnaeus,1758) (Hesperiidae) Synonym(s): *tages* Linnaeus,1758; *morio* Scopoli,1763; *geryon* Rottemburg,1775; *subclarus* Verity,1921.
477. **Hesperia comma** (Linnaeus,1758) (Hesperiidae) Synonym(s): *comma* Linnaeus,1758; *virgula* Retzius,1783; *alpina* Bath,1896; *galliaemeridiei* Verity,1928; *alpapennina* Verity,1928; *alpiumflava* Verity,1928; *macrocomma* Verity,1928; *superalpina* Verity,1928; *atr alpina* Verity,1928.
478. **Muschampia poggei** (Lederer,1858) (Hesperiidae) Synonym(s): *poggei* Lederer,1858



479. **Muschampia proteides (F.Wagner,1929)** (Hesperiidae) Synonym(s): *proteides* F.Wagner,1929; *lycaonius* F.Wagner,1929; *sovietica* Sichel,1964; *lycaonius* Benjamini & Avni,2001 [misident.]; *#lycaomius* Benjamini & Avni,2001
480. **Muschampia tersa Evans,1949** (Hesperiidae) Synonym(s): *tersa* Evans,1949
481. **Ochlodes venatus (Bremer & Grey,[1852])** (Hesperiidae) Synonym(s): *venatus* Bremer & Grey,[1852]
482. **Pyrgus armoricanus (Oberthür,1910)** (Hesperiidae) Synonym(s): *armoricanus* Oberthür,1910; *petheri* Romei,1927.
483. **Pyrgus cinarae (Rambur,[1839])** (Hesperiidae) Synonym(s): *cinarae* Rambur,[1839]; *cynarae* Boisduval,1840
484. **Pyrgus cirsii (Rambur,[1839])** (Hesperiidae) Synonym(s): *cirsii* Rambur,[1839]; *turcivola* De Lattin,1950.
485. **Pyrgus melotis (Duponchel,[1834])** (Hesperiidae) Synonym(s): *melotis* Duponchel,[1834]; *hypoleucos* Lederer,1853; *jordana* Hemming,1932.
486. **Pyrgus serratulae (Rambur,[1839])** (Hesperiidae) Synonym(s): *serratulae* Rambur,[1839]; *caecus* Freyer,1846; *occidentalis* Lucas,1910 *nec* Skinn.,1906; *planorum* Verity,1925; *magnagallica* Verity,1931; *plurisignata* Silbernagel,1946; *arvernensis* Picard,1948.
487. **Pyrgus sidae (Esper,[1784])** (Hesperiidae) Synonym(s): *sidae* Esper,[1784]
488. **Spialia (Neospialia) orbifer (Hübner,[1823])** (Hesperiidae) Synonym(s): *orbifer* Hübner,[1823]; *tesselloides* Herrich-Schäffer,[1845].
489. **Spialia (s.str.) phlomidis (Herrich-Schäffer,[1845])** (Hesperiidae) Synonym(s): *phlomidis* Herrich-Schäffer,[1845]; *eupator* Hemming,1932; *kiki* Higgins,1974.
490. **Thymelicus acteon (Rottemburg,1775)** (Hesperiidae) Synonym(s): *acteon* Rottemburg,1775; *heydeni* Plötz,1884; *clara-obsoleta* Tutt,1920; *phoenix* Graves,1925; *aurescens* Verity,1948.
491. **Thymelicus hyrax (Lederer,1861)** (Hesperiidae) Synonym(s): *hyrax* Lederer,1861; *pfeifferi* Bytinski-Salz & Brandt,1937.
492. **Thymelicus lineolus (Ochsenheimer,1808)** (Hesperiidae) Synonym(s): *lineolus* Ochsenheimer,1808; *virgula* Hübner,1813 *nec* Retz.,1783; *ludoviciae* Mabilie,1883; *pallida* Tutt,1896; *clara* Tutt,1905; *hemmingi* Romei,1927; *melissus* Zerny,1932; *fornax* Hemming,1934
493. **Thymelicus novus (Reverdin,1916)** (Hesperiidae) Synonym(s): *novus* Reverdin,1916
494. **Thymelicus sylvestris (Poda,1761)** (Hesperiidae) Synonym(s): *sylvestris* Poda,1761; *flava* Brännich,1763; *linea* Müller,1764; *thaumas* Hufnagel,1766; *divaricatus* Fourcroy,1785; *venula* Hübner,[1813]; *obscura* Verity,1905
495. **Chondrostega pastranum Lederer,1858** (Lasiocampidae) Synonym(s): *pastranum* Lederer,1858; *hyrcanum* Staudinger,1871
496. **Lasiocampa eversmanni (Kindermann,1843)** (Lasiocampidae) Synonym(s): *eversmanni* Kindermann,1843; *eversmanni* Freyer,1844; *attrita* Stshetkin,1960.
497. **Malacosoma alpicola Staudinger,1870 /primum Staudinger,1887** (Lasiocampidae) Synonym(s): *alpicola* Staudinger,1870
498. **Malacosoma castrensis (Linnaeus,1758)** (Lasiocampidae) Synonym(s): *castrensis* Linnaeus,1758; *ksiezopolskii* Sheljuzhko,1943
499. **Malacosoma franconicum ([Denis & Schiffermüller],1775) /prima Staudinger,1887** (Lasiocampidae) Synonym(s): *#franconica* [Denis & Schiffermüller],1775; *grandiella* Boisduval,1840
500. **Malacosoma neustrium (Linnaeus,1758)** (Lasiocampidae) Synonym(s): *neustria* Linnaeus,1758; *annularis* Fourcroy,1785; *unicolor* Cyrilli,1787; *bilineatus* Haworth,1803
501. **Phyllodesma (s.str.) tremulifolium (Hübner,[1810])** (Lasiocampidae) Synonym(s): *betulifolium* Ochsenheimer,1810 *nec* Esp.,1782; *tremulifolium* Hübner,[1810]; *danieli* De Lajonquière,1963; *#tremulifolium* De Freina,1999
502. **Odites (Gozmaniola) kollarella (Costa,[1836])** (Lecithoceridae) Synonym(s): *kollarella* Costa,[1836]
503. **Libythea (s.str.) celtis (Laicharting,1782)** (Libytheidae) Synonym(s): *celtis* Laicharting,1782
504. **Callophrys danchenkoi Zhdanko,1998** (Lycaenidae) Synonym(s): *danchenkoi* Zhdanko,1998
505. **Callophrys mystaphia Miller,1913** (Lycaenidae) Synonym(s): *mystaphia* Miller,1913
506. **Callophrys paulae Pfeiffer,1932** (Lycaenidae) Synonym(s): *paulae* Pfeiffer,1932; *?alpicola* Koçak,1989
507. **Callophrys herculeana Pfeiffer,1927** (Lycaenidae) Synonym(s): *herculeana* Pfeiffer,1927
508. **Celastrina argiolus (Linnaeus,1758)** (Lycaenidae) Synonym(s): *argiolus* Linnaeus,1758; *cleobis* Sulzer,1776; *thersanon* Bergsträßer,1779; *argyphontes* Bergsträßer,1779; *argalus* Bergsträßer,1779; *marginatus* Retzius,1783; *acis* Fabricius,1787 *nec* Dru.,[1773]; *#parvipuncta* Fuchs,1880; *calidogenita* Verity,1919; *britannia* Verity,1919.
509. **Chilades (Freyeria) trochylus (Freyer,[1843])** (Lycaenidae) Synonym(s): *trochylus* Freyer,[1843]; *#trochilus* Herrich-Schäffer,[1845]; *parva* Murray,1874; *persa* Bytinski-Salz & Brandt,1937; *#supraradiata* Wagner,1931
510. **Cigaritis acamas (Klug,1834)** (Lycaenidae) Synonym(s): *acamas* Klug,1834; *obscurata* Staudinger,1901; *#düldüli* Pfeiffer,1932; *dueldueli* Pfeiffer,1932
511. **Cigaritis uighurica Kemal & Koçak,2005** (Lycaenidae) Synonym(s): *maxima* Staudinger,1901 *nec* Elw.,1892; *uighurica* Kemal & Koçak,2005
512. **Cupido (s.str.) minimus (Fuessly,1775)** (Lycaenidae) Synonym(s): *minimus* Fuessly,1775; *alsus* [Denis & Schiffermüller],1775; *pseudohus* Bersträßer,[1779]; *puer* Schrank,1801.
513. **Cupido (s.str.) osiris (Meigen,[1829])** (Lycaenidae) Synonym(s): *osiris* Meigen,[1829]; *saportae* Duponchel,1832; *violacea* Verity,1911; *sebrus* Boisduval,[1833].
514. **Cupido (s.str.) staudingeri (Christoph,1873)** (Lycaenidae) Synonym(s): *staudingeri* Christoph,1873

515. **Glaucopsyche (s.str.) alexis (Poda,1761)** (Lycaenidae) Synonym(s): *alexis* Poda,1761; *damaetas* [Denis & Schiffermüller,1775; #*sublugens* Strand,1909; #*insulicola* Turati & Fiori,1930; *mironi* Coutsis,1976.
516. **Glaucopsyche (Iolana) lessei Bernardi,1964** (Lycaenidae) Synonym(s): *lessei* Bernardi,1964; *christinae* Betti,1977; *cappadocia* Betti,1977
517. **Lampides boeticus (Linnaeus,1767)** (Lycaenidae) Synonym(s): *boeticus* Linnaeus,1767; *damoetes* Fabricius,1775; *coluteae* Fuessly,1775; *pisorum* Fourcroy,1785; *boedicus* Borkhausen,1788; #*baeticus* Latreille,1809; *armeniensis* Gerhard,1886; *bagus* Distant,1886
518. **Leptotes pirithous (Linnaeus,1767)** (Lycaenidae) Synonym(s): *pirithous* Linnaeus,1767; *telicanus* Lang,1789 *tetrica* Sagarra,1925.
519. **Lycaena (Alciphronia) alciphron (Rottemburg,1775)** (Lycaenidae) Synonym(s): *alciphron* Rottemburg,1775; *lampetie* [Denis & Schiffermüller],1775; *hiere* Fabricius,1787.
520. **Lycaena (Heodes) virgaureae (Linnaeus,1758)** (Lycaenidae) Synonym(s): *virgaureae* Linnaeus,1758; *armeniaca* A.Bang-Haas,1906; *chrysorhoas* Fruhstorfer,1917; *balcanicola* Graves,1928.
521. **Lycaena (Loweia) tityrus (Poda,1761)** (Lycaenidae) Synonym(s): *tityrus* Poda,1761; *acrion* [Brünnich],1763; *orientalis* Staudinger,1881; *argentifex* Balint,1990.
522. **Lycaena (Margelycaena) euphratica (Eckweiler,1989)** (Lycaenidae) Synonym(s): *euphratica* Eckweiler,1989
523. **Lycaena (Palaeochrysophanus) candens (Herrich-Schäffer,[1845])** (Lycaenidae) Synonym(s): *candens* Herrich-Schäffer,[1845]
524. **Lycaena (Thersamonia) asabinus (Gerhard,[1850])** (Lycaenidae) Synonym(s): #*helius* Herrich-Schäffer,[1851]; *asabinus* Herrich-Schäffer,[1852].
525. **Lycaena (Thersamonia) kefersteinii (Gerhard,[1850])** (Lycaenidae) Synonym(s): *kefersteinii* Gerhard,[1850]; *phaeton* Freyer,[1850]; #*ochimus* Herrich-Schäffer,[1851]; *ochimus* Herrich-Schäffer,[1852].
526. **Lycaena (Thersamonia) kurdistanica (Riley,1921)** (Lycaenidae) Synonym(s): *kurdistanica* Riley,1921
527. **Lycaena (Thersamonia) lampon (Lederer,1870)** (Lycaenidae) Synonym(s): *lampon* Lederer,1870
528. **Lycaena (Thersamonia) thetis (Klug,1834)** (Lycaenidae) Synonym(s): *thetis* Klug,1834.
529. **Lycaena (s.str.) phlaeas (Linnaeus,1761)** (Lycaenidae) Synonym(s): *phlaeas* Linnaeus,1761; *virgaureae* Fourcroy,1785 *nec* Linn.,1758; *eleus* Fabricius,1798; *aestivus* Zeller,1850; *schmidtii* Gerhard,1853
530. **Phengaris arion (Linnaeus,1758)** (Lycaenidae) Synonym(s): *arion* Linnaeus,1758; *telegone* Bergsträßer,1779; *telegones* Bergsträßer,1779; *mamers* Bergsträßer,1779; *arctophoni* Bergsträßer,1779; *arcina* Fruhstorfer,1910; *eutyphron* Fruhstorfer,1915; *microchroa* Verity,1948; *gelriae* Lempke,1956
531. **Phengaris rebeli (Hirschke,1904)** (Lycaenidae) Synonym(s): *rebeli* Hirschke,1904; *coerulea* Vorbrodt,1912; *latimargo* Courvoisier,1913; *alpicola* Beuret,1949; *cruciata* Beuret,1949; *gadmensis* Beuret,1949; *magnalpicola* Beuret,1949.
532. **Plebejus (Kretania) carmon (Gerhard,[1851])** (Lycaenidae) Synonym(s): *carmon* Gerhard,[1851, November]; *euryphilus* Freyer,[1851,December].
533. **Plebejus (Lycaeides) idas (Linnaeus,1761)** (Lycaenidae) Synonym(s): *idas* Linnaeus,1761; *leodorus* Esper,1782; *acreon* Fabricius,1787; *amphion* Fabricius,1793.
534. **Plebejus (Plebejides) nichollae (Elwes,1901)** (Lycaenidae) Synonym(s): *nichollae* Elwes,1901
535. **Plebejus (Plebejides) zephyrinus (Christoph,1884)** (Lycaenidae) Synonym(s): *zephyrinus* Christoph,1884
536. **Plebejus (s.str.) argus (Linnaeus,1758)** (Lycaenidae) Synonym(s): *argus* Linnaeus,1758; *aegon* Denis & Schiffermüller,1775; *plouharnelensis* Oberthür,1926; *pulchraphilonome* Verity,1931.
537. **Polyommatus (Agriades (s.str.)) pyrenaicus (Boisduval,1840)** (Lycaenidae) Synonym(s): *pyrenaicus* Boisduval,1840; #*pyrenicus* Naderi,2003
538. **Polyommatus (Albulina (Plebejidea)) loewii (Zeller,1847)** (Lycaenidae) Synonym(s): *loewii* Zeller,1847; *empyrea* Gerhard,[1851]; *gigas* Staudinger,1871; #*robusta* Turati & Fiori,1930; *germanicae* Pfeiffer,1932; *dzhagamati* Sheljuzhko,1934.
539. **Polyommatus (Albulina (Plebejidea)) rosei (Eckweiler,1989)** (Lycaenidae) Synonym(s): *rosei* Eckweiler,1989
540. **Polyommatus (Albulina (Vacciniina)) alcedo (Christoph,1877)** (Lycaenidae) Synonym(s): *alcedo* Christoph,1877
541. **Polyommatus (Albulina (Vacciniina)) morgianus (Kirby,1871)** (Lycaenidae) Synonym(s): *hyrcana* Lederer,1869 *nec* Feld.,1860; *morgiana* Kirby,1871.
542. **Polyommatus (Aricia (Eumedonia)) eumedon (Esper,[1780])** (Lycaenidae) Synonym(s): *chiron* Rottemburg,1775 *nec* Fabr.,1775; *eumedon* Esper,[1780]; *osiris* O.Bang-Haas,1927 *nec* Hopff.,1855; *rumeliensis* Eitschberger & Stein.,1975; *jeanensis* Eitschberger & Stein.,1975; *kagizmanensis* Koçak,1980.
543. **Polyommatus (Aricia (Ultraaricia)) crassipunctus (Christoph,1893)** (Lycaenidae) Synonym(s): *crassipunctus* Christoph,1893; #*crassipunctata* Seitz,1909.
544. **Polyommatus (Aricia (s.str.)) agestis ([Denis & Schiffermüller],1775)** (Lycaenidae) Synonym(s): *medon* Hufnagel,1766 *nec* Linn.,1763; *alexis* Rottemburg,1775 *nec* Poda,1761; *agestis* [Denis & Schiffermüller],1775; *astrarche* Bergsträßer,[1779].
545. **Polyommatus (Aricia (s.str.)) artaxerxes (Fabricius,1793)** (Lycaenidae) Synonym(s): *artaxerxes* Fabricius,1793.
546. **Polyommatus (s.str. (Agrodiaetus (Actisia))) pseudactis (Forster,1960)** (Lycaenidae) Synonym(s): *pseudactis* Forster,1960; *vaspurakani* Lukhtanov & Dantchenko,2003
547. **Polyommatus (s.str. (Agrodiaetus (Actisia))) haigi (Dantchenko & Lukhtanov,2002)** (Lycaenidae) Synonym(s): *haigi* Dantchenko & Lukhtanov,2002

548. **Polyommatus (s.str. (Agrodiaetus (Admetusia))) alcestis (Zerny,1932)** (Lycaenidae) Synonym(s): *alcestis* Zerny,1932; *ahmadi* Carbonell,2001; *karacetinae* Lukhtanov & Dantchenko,2002.
549. **Polyommatus (s.str. (Agrodiaetus (Admetusia))) dantchenkoi (Lukhtanov, Wiemers & Meusemann,2003)** (Lycaenidae) Synonym(s): *dantchenkoi* Lukhtanov, Wiemers & Meusemann,2003
550. **Polyommatus (s.str. (Agrodiaetus (Admetusia))) demavendi (Pfeiffer,1938)** (Lycaenidae) Synonym(s): *demavendi* Pfeiffer,1938; *#demaventi de Lesse*,1960
551. **Polyommatus (s.str. (Agrodiaetus (Admetusia))) eriwanensis (Forster,1960)** (Lycaenidae) Synonym(s): *eriwanensis* Forster,1960
552. **Polyommatus (s.str. (Agrodiaetus (Admetusia))) ripartii (Freyer,[1830])** (Lycaenidae) Synonym(s): *ripartii* Freyer,[1830].
553. **Polyommatus (s.str. (Agrodiaetus (Antidolus))) antidolus (Rebel,1901)** (Lycaenidae) Synonym(s): *antidolus* Rebel,1901
554. **Polyommatus (s.str. (Agrodiaetus (Antidolus))) kurdistanicus (Forster,1961)** (Lycaenidae) Synonym(s): *kurdistanicus* Forster,1961
555. **Polyommatus (s.str. (Agrodiaetus (Antidolus))) menalcas (Freyer,[1837])** (Lycaenidae) Synonym(s): *menalcas* Freyer,[1837]; *epidolus* Boisduval,1840; *#amasina* Neuburger,1900.
556. **Polyommatus (s.str. (Agrodiaetus (Antidolus))) mithridates (Staudinger,1878)** (Lycaenidae) Synonym(s): *mithridates* Staudinger,1878
557. **Polyommatus (s.str. (Agrodiaetus (Damaia))) hopfferi (Gerhard,[1851])** (Lycaenidae) Synonym(s): *#hopferi* Herrich-Schäffer,[August,1851] (uninominal); *hopfferi* Gerhard,[November,1851]; *hopfferi* Herrich-Schäffer,31.December,1851]; *hadjina* Heyne,[1895]; *malatiae* Forster,1961.
558. **Polyommatus (s.str. (Agrodiaetus (Musa))) wagneri (Forster,1956)** (Lycaenidae) Synonym(s): *wagneri* Forster,1956
559. **Polyommatus (s.str. (Agrodiaetus (Phyllisia))) baytopi (De Lesse,1959)** (Lycaenidae) Synonym(s): *baytopi* De Lesse,1959
560. **Polyommatus (s.str. (Agrodiaetus (Phyllisia))) igisizilim Koçak & Kemal,2001** (Lycaenidae) Synonym(s): *igisizilim* Koçak & Kemal,2001
561. **Polyommatus (s.str. (Agrodiaetus (Phyllisia))) iphigenia (Herrich-Schäffer,[1847])** (Lycaenidae) Synonym(s): *iphigenia* Herrich-Schäffer,[1847]
562. **Polyommatus (s.str. (Agrodiaetus (Phyllisia))) vanensis (De Lesse,1957)** (Lycaenidae) Synonym(s): *vanensis* De Lesse,1957
563. **Polyommatus (s.str. (Agrodiaetus (Transcaspius))) anticarmon (Koçak,1983)** (Lycaenidae) Synonym(s): *anticarmon* Koçak,1983; *charmieuxi* Pagés,1994
564. **Polyommatus (s.str. (Agrodiaetus (Transcaspius))) zapvadi (Carbonell,1993)** (Lycaenidae) Synonym(s): *zapvadi* Carbonell,1993
565. **Polyommatus (s.str. (Agrodiaetus (Transcaspius))) huberti (Carbonell,1993)** (Lycaenidae) Synonym(s): *huberti* Carbonell,1993
566. **Polyommatus (s.str. (Agrodiaetus (Transcaspius))) ninae (Forster,1956)** (Lycaenidae) Synonym(s): *ninae* Forster,1956
567. **Polyommatus (s.str. (Agrodiaetus (Transcaspius))) pierceae (Lukhtanov & Dantchenko,2002)** (Lycaenidae) Synonym(s): *pierceae* Lukhtanov & Dantchenko,2002; *#rierceae* Lukhtanov & Dantchenko,2002
568. **Polyommatus (s.str. (Agrodiaetus (Transcaspius))) surakovi Dantchenko & Lukhtanov,1994** (Lycaenidae) Synonym(s): *surakovi* Dantchenko & Lukhtanov,1994; *sekercioglu* Dantchenko & Lukhtanov,2002
569. **Polyommatus (s.str. (Agrodiaetus (Transcaspius))) turcicola (Koçak,1977)** (Lycaenidae) Synonym(s): *turcicola* Koçak,1977; *#turcicolus* Kandul et al.,2004
570. **Polyommatus (s.str. (Agrodiaetus (Transcaspius))) turcicus (Koçak,1977)** (Lycaenidae) Synonym(s): *turcicus* Koçak,1977
571. **Polyommatus (s.str. (Agrodiaetus (Xerxesia))) cyaneus (Staudinger,1899)** (Lycaenidae) Synonym(s): *cyaneus* Staudinger,1899; *pseudocyaneus* Forster,1956.
572. **Polyommatus (s.str. (Agrodiaetus (s.str.))) kanduli (Dantchenko & Lukhtanov,2002)** (Lycaenidae) Synonym(s): *kanduli* Dantchenko & Lukhtanov,2002
573. **Polyommatus (s.str. (Cyaniris)) bellis (Freyer,[1842])** (Lycaenidae) Synonym(s): *bellis* Freyer,[1842]
574. **Polyommatus (s.str. (Cyaniris)) antiochenus (Lederer,1861)** (Lycaenidae) Synonym(s): *antiochena* Lederer,1861
575. **Polyommatus (s.str. (Lysandra)) bellargus (Rottemburg,1775)** (Lycaenidae) Synonym(s): *bellargus* Rottemburg,1775; *thetis* Rottemburg,1775 *nec* Dru.,1773; *adonis* Denis & Schiffermüller,[1775]; *salacia* Bergsträßer,1779; *venilia* Bergsträßer,1779;; *hyacinthus* Lewin,1795; *urania* Gerhard,[1851]; *persemagna* Verity,1937; *arentissima* Verity,1937; *arens* Verity,1937; *arentior* Verity,1937; *antearentior* Verity,1937; *parabellargus* Verity,1939; *shakla* Higgins,1958
576. **Polyommatus (s.str. (Lysandra)) corydonius (Herrich-Schäffer,[1852])** (Lycaenidae) Synonym(s): *corydonius* Herrich-Schäffer,[1852]
577. **Polyommatus (s.str. (Meleageria)) daphnis ([Denis & Schiffermüller],1775)** (Lycaenidae) Synonym(s): *daphnis* [Denis & Schiffermüller],1775; *endymion* [Denis & Schiffermüller],1775 *nec* Fabricius,1775; *meleager* Esper,1778; *dalmatina* Wagner,1909.
578. **Polyommatus (s.str. (Neolysandra)) coelestinus (Eversmann,1843)** (Lycaenidae) Synonym(s): *coelestinus* Eversmann,1843
579. **Polyommatus (s.str. (Neolysandra)) fatima Eckweiler & Schurian,1980** (Lycaenidae) Synonym(s): *fatima* Eckweiler & Schurian,1980



580. **Polyommatus (s.str. (Plebicula)) amandus (Schneider,1792)** (Lycaenidae) Synonym(s): *icarius* Esper,1789 nec Rottemburg,1775; *amandus* Schneider,1792
581. **Polyommatus (s.str. (Sublysandra)) aedon (Christoph,1877)** (Lycaenidae) Synonym(s): *aedon* Christoph,1877
582. **Polyommatus (s.str. (Thersitesia)) thersites (Canterer,[1835])** (Lycaenidae) Synonym(s): *thersites* Canterer,[1835]; *chapmani* Ball,1914; *meridiana* Verity,1919.
583. **Polyommatus (s.str.) buzulmavi Carbonell,1991** (Lycaenidae) Synonym(s): *buzulmavi* Carbonell,1991
584. **Polyommatus (s.str.) icarus (Rottemburg,1775)** (Lycaenidae) Synonym(s): *argus* Poda,1761 nec Linn.,1758; *alexis* Scopoli,1763 nec Pda,1761; *thetis* Esper,1777 nec Dru.,1773; *icarus* Rottemburg,1775; *pampholyge* Bergsträßer,1779; *candybus* Bergsträßer,1779; *candiope* Bergsträßer,1779; *candaon* Bergsträßer,1779; *oceanus* Bergsträßer,1779; *fusciolus* Fourcroy,1785; *icarinus* Scriba,1795; *pusillus* Gerhard,1851; *neglectus* Stradomsky & Arzanov,1999
585. **Pseudophilotes vicrama (Moore,1865)** (Lycaenidae) Synonym(s): *vicrama* Moore,1865
586. **Quercusia quercus (Linnaeus,1758)** (Lycaenidae) Synonym(s): *quercus* Linnaeus,1758; *longicauda* Riley,1921
587. **Rubrapterus bavius (Eversmann,1832)** (Lycaenidae) Synonym(s): *bavius* Eversmann,1832
588. **Satyrrium (Nordmannia) abdominalis (Gerhard,[1850])** (Lycaenidae) Synonym(s): *abdominalis* Gerhard,[1850]; *gerhardi* Staudinger,[1895]; *alboabdominalis* Pfeiffer,1938; *persica* Riley,1939; *#gerhardti* Wiltshire,1943; *elta* Higgins,1964.
589. **Satyrrium (Nordmannia) armenum (Rebel,1901)** (Lycaenidae) Synonym(s): *armenum* Rebel,1901
590. **Satyrrium (Nordmannia) marcidum (Riley,1921)** (Lycaenidae) Synonym(s): *marcidum* Riley,1921
591. **Satyrrium (Nordmannia) zabni Oorschot & Brink,1991** (Lycaenidae) Synonym(s): *#zabni* Higgins,1964; *zabni* Oorschot & Brink,1991.
592. **Satyrrium (Strymonidia) spini (Fabricius,1787)** (Lycaenidae) Synonym(s): *#spini* [Denis & Schiffermüller],1775; *lynceus* Esper,[1779] nec Drury,1773; *spini* Fabricius,1787; *cerasi* Herbst,1804 nec Fabricius,1787; *#albosparsa* Oberthür,1910; *anatolicus* De Lattin,1950.
593. **Satyrrium (Strymonidia) w-album (Knoch,1782)** (Lycaenidae) Synonym(s): *w-album* Knoch,1782; *cerasi* Fabricius,1787; *majuscula* Jachontov,1911.
594. **Satyrrium (Superflua) ledereri (Boisduval,1848)** (Lycaenidae) Synonym(s): *ledereri* Boisduval,1848
595. **Tarucus (s.str.) balkanicus (Freyer,[1843])** (Lycaenidae) Synonym(s): *balkanicus* Freyer,[1843]
596. **Tomares callimachus (Eversmann,1848)** (Lycaenidae) Synonym(s): *callimachus* Eversmann,1848
597. **Tomares desinens Nekrutenko & Effendi,1980** (Lycaenidae) Synonym(s): *desinens* Nekrutenko & Effendi,1980
598. **Tomares romanovi (Christoph,1882)** (Lycaenidae) Synonym(s): *romanovi* Christoph,1882
599. **Turanana cytis (Christoph,1877)** (Lycaenidae) Synonym(s): *cytis* Christoph,1876
600. **Turanana endymion (Freyer,[1850])** (Lycaenidae) Synonym(s): *endymion* Freyer,[1850]
601. **Euproctis chrysorrhoea (Linnaeus,1758)** (Lymantriidae) Synonym(s): *chrysorrhoea* Linnaeus,1758; *phaeorrhoeus* Haworth,1803
602. **Euproctis melania (Staudinger,1892)** (Lymantriidae) Synonym(s): *melania* Staudinger,1892; *melaniodes* Strand,1910; *#melaina* De Freina,1999.
603. **Leucoma salicis (Linnaeus,1758)** (Lymantriidae) Synonym(s): *salicis* Linnaeus,1758; *apparens* Retzius,1783; *salicinus* Haworth,1803; *xanthocampa* Dyar,1905; *coreacola* Matsumura,1933; *sjoquisti* Bryk,1942; *variabilis* Bryk,1949
604. **Lymantria dispar (Linnaeus,1758)** (Lymantriidae) Synonym(s): *dispar* Linnaeus,1758; *disparina* Müller,1802; *japonica* Motschulsky,1860; *disparoides* Mabille,1876; *bordigalensis* Mabille,1876; *asiatica* Wnukowsky,1926
605. **Ocnerogetia amanda Staudinger,[1892]** (Lymantriidae) Synonym(s): *amanda* Staudinger,[1892]
606. **Orgyia dubia (Tauscher,1806)** (Lymantriidae) Synonym(s): *dubia* Tauscher,1806
607. **Parocneria terebinthi (Freyer,[1838])** (Lymantriidae) Synonym(s): *terebinthi* Freyer,[1838]
608. **Parocneria terebynthina (Staudinger,[1895])** (Lymantriidae) Synonym(s): *terebynthina* Staudinger,[1895]; *insolita* Brandt,1938
609. **Polymona lapidicola (Herrich-Schäffer,[1852])** (Lymantriidae) Synonym(s): *lapidicola* Herrich-Schäffer,[1852]
610. **Abrostola clarissa (Staudinger,1900)** (Noctuidae) Synonym(s): *clarissa* Staudinger,1900
611. **Abrostola triplasia (Linnaeus,1758)** (Noctuidae) Synonym(s): *triplasia* Linnaeus,1758; *trigemina* Werneburg,1864.
612. **Acantholipes regularis (Hübner,[1813])** (Noctuidae) Synonym(s): *regularis* Hübner,[1813]
613. **Acontia (s.str.) lucida (Hufnagel,1766)** (Noctuidae) Synonym(s): *lucida* Hufnagel,1766; *solaris* [Denis & Schiffermüller],1775; *albicollis* Fabricius,1781; *rupicola* Borkhausen,1792; *insolatrix* Hübner,[1822]; *triradiata* Walker,[1858]; *lugens* Alpheraky,1889; *heliadora* Schawerda,1923
614. **Acontia (Uracontia) titania (Esper,[1798])** (Noctuidae) Synonym(s): *titania* Esper,[1798]; *urania* Frivaldsky,1835; *eversmanni* Kolenati,1846.
615. **Acronicta (Subacronicta) megacephala (Fabricius,1787)** (Noctuidae) Synonym(s): *megacephala* Fabricius,1787; *ankarensis* Hering,1933.
616. **Acronicta (Triaena) pasiphae Draudt,1936** (Noctuidae) Synonym(s): *pasiphae* Draudt,1936
617. **Acronicta (Triaena) psi (Linnaeus,1758)** (Noctuidae) Synonym(s): *psi* Linnaeus,1758
618. **Acronicta (Viminia) euphorbiae (Denis,1785)** (Noctuidae) Synonym(s): *#euphorbiae* [Denis & Schiffermüller],1775; *euphorbiae* Denis,1785; *montivaga* Guenée,1852; *ottomana* Draudt,1931; *garbowskii* Wojtusiak & Niesiolowski,1946.

619. **Acronicta (Viminia) rumicis (Linnaeus,1758)** (Noctuidae) Synonym(s): *rumicis* Linnaeus,1758; *litterata* Panzer,1804; *salicis* Curtis,1826; *diffusa* Walker,1857
620. **Aedophron phlebophora Lederer,1858** (Noctuidae) Synonym(s): *phlebophora* Lederer,1858
621. **Agrochola (Alpichola) egorovi (O.Bang-Haas,1934)** (Noctuidae) Synonym(s): *egorovi* O.Bang-Haas,1934
622. **Agrochola (Alpichola) janhillmanni Hacker & Moberg,1989** (Noctuidae) Synonym(s): *janhillmanni* Hacker & Moberg,1989
623. **Agrochola (Alpichola) lactiflora (Draudt,1934)** (Noctuidae) Synonym(s): *lactiflora* Draudt,1934
624. **Agrochola (Alpichola?) gratiose (Staudinger,1882)** (Noctuidae) Synonym(s): *gratiose* Staudinger,1881.
625. **Agrochola (Anchoscelis) schreieri Hacker & Weigert,1986** (Noctuidae) Synonym(s): *schreieri* Hacker & Weigert,1986
626. **Agrotis (Crassagrotis) bigramma (Esper,[1790])** (Noctuidae) Synonym(s): *bigramma* Esper,[1790]; *crassa* Hübner,[1803]; *lata* Treitschke,1835; *golickei* Erschoff,1872; *huguenini* Rühl,1891.
627. **Agrotis (Crassagrotis) obesa (Boisduval,1829)** (Noctuidae) Synonym(s): *obesa* Boisduval,1840
628. **Agrotis (s.str.) bifurca Staudinger,1881** (Noctuidae) Synonym(s): *bifurca* Staudinger,1881; *stabilita* Corti,1928.
629. **Agrotis (s.str.) desertorum Boisduval,1840** (Noctuidae) Synonym(s): *desertorum* Boisduval,1840; *deserticola* Eversmann,1842
630. **Agrotis (s.str.) exclamationis (Linnaeus,1758)** (Noctuidae) Synonym(s): *exclamationis* Linnaeus,1758; *clavus* Hufnagel,1766; *murina* Goeze,1781 *nec* Hufnagel,1766; *bimaculata* Geoffroy,1785; *picea* Haworth,1809; *plaga* Stephens,1835; *haruspex* Le Cerf,1924; *nigriorbis* Zerny,1934.
631. **Agrotis (s.str.) ipsilon (Hufnagel,1766)** (Noctuidae) Synonym(s): *ipsilon* Hufnagel,1766; *suffusa* [Denis & Schiffermüller],1775; *idonea* Cramer,[1780]; *spinula* Esper,[1786]; *spinifera* Villers,1789.
632. **Agrotis (s.str.) sardzeana Brandt,1941** (Noctuidae) Synonym(s): *sardzeana* Brandt,1941
633. **Agrotis (s.str.) segetum ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *segetum* [Denis & Schiffermüller],1775; *sordida* [Denis & Schiffermüller],1775; *undulatus* Goeze,1781 (*praeocc.*); *nigricornis* Villers,1789; *segetis* Fabricius,1794; *catenatus* Haworth,1803; *monileus* Haworth,1803; *pectinatus* Haworth,1803; *connexus* Haworth,1803; *subatratus* Haworth,1803; *nigricornutus* Haworth,1803; *praecox* Hübner,[1808]; *fervida* Hübner,[1824]; *affinis* Stephens,1829; *sicula* Boisduval,1840; *dimidia* Zeller,1847; *sicania* Guenée,1852; *marginalis* Walker,1857; *aversa* Walker,1857; *correctus* Walker,1857; *obliviosus* Walker,1857; *denticulosus* Wallengren,1860; *certificata* Walker,1865; *conspurcatus* Walker,1865; *repulsus* Walker,1865; *ingratus* Butler,1878; *pallidus* Staudinger,1881; *lassa* Swinhoe,1886.
634. **Ammoconia anonyma Ronkay & Varga,1984** (Noctuidae) Synonym(s): *anonyma* Ronkay & Varga,1984
635. **Amphipoea oculatea (Linnaeus,1761)** (Noctuidae) Synonym(s): *oculea* Linnaeus,1761; *nictitans* Linnaeus,1767; *chrysographa* [Denis & Schiffermüller],1775; *splendens* Borkhausen,1792; *myopa* Fabricius,1794; *cinerago* Fabricius,1798; *auricula* Donovan,1807; *erythrostigma* Haworth,1809; *struvei* Oberthür,1918.
636. **Amphipyra micans Lederer,1857** (Noctuidae) Synonym(s): *micans* Lederer,1857
637. **Amphipyra stix Herrich-Schäffer,[1850]** (Noctuidae) Synonym(s): *stix* Herrich-Schäffer,[1850]; *#styx* Staudinger,1879.
638. **Amphipyra submicans Kuznetsov,1958** (Noctuidae) Synonym(s): *submicans* Kuznetsov,1958
639. **Amphipyra tetra (Fabricius,1787)** (Noctuidae) Synonym(s): *tetra* Fabricius,1787
640. **Amphipyra tragopoginis (Clerck,1759)** (Noctuidae) Synonym(s): *#tragopoginis* Clerck,1759; *luciola* Hufnagel,1766.
641. **Antitype chionodes Boursin,1968** (Noctuidae) Synonym(s): *chionodes* Boursin,1968
642. **Antitype jonis (Lederer,1865)** (Noctuidae) Synonym(s): *jonis* Lederer,1865; *amasina* Staudinger,1901.
643. **Apamea (s.str.) anceps ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *anceps* [Denis & Schiffermüller],1775; *sordida* Borkhausen,1792; *infesta* Ochsenheimer,1816; *renardii* Boisduval,1829; *engelhardtii* Duurloo,1889; *pyxina* A.Bang-Haas,1910; *siegeli* Berio,1985; *sassanidica* Hacker,1990; *mazeli* Lutrán,1993
644. **Apamea (s.str.) crenata (Hufnagel,1766)** (Noctuidae) Synonym(s): *crenata* Hufnagel,1766; *rurea* Fabricius,1775; *alopocurus* Esper,[1788]; *combusta* Hübner,[1808]; *hirticornus* Haworth,1812.
645. **Apamea (s.str.) epomidion (Haworth,1809)** (Noctuidae) Synonym(s): *characteria* auct. *nec* [Denis & Schiff.],1775; *epomidion* Haworth,1809
646. **Apamea (s.str.) ferrago (Eversmann,1837)** (Noctuidae) Synonym(s): *ferrago* Eversmann,1837
647. **Apamea (s.str.) furva ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *#furva* [Denis & Schiffermüller],1775
648. **Apamea (s.str.) lateritia (Hufnagel,1766)** (Noctuidae) Synonym(s): *lateritia* Hufnagel,1766; *molochina* Hübner,[1803].
649. **Apamea (s.str.) leucodon (Eversmann,1837)** (Noctuidae) Synonym(s): *leucodon* Eversmann,1837
650. **Apamea (s.str.) monoglypha (Hufnagel,1766)** (Noctuidae) Synonym(s): *polyodon* Linnaeus,1761 *nec* Cl.,1759; *monoglypha* Hufnagel,1766.
651. **Apamea (s.str.) oblonga (Haworth,[1809])** (Noctuidae) Synonym(s): *oblonga* Haworth,[1809]; *abjecta* Hübner,[1813].
652. **Apamea (s.str.) platinea (Treitschke,1825)** (Noctuidae) Synonym(s): *platinea* Treitschke,1825; *griseus* Touleschkov,1951 *nec* Stgr.,1889; *touleschkoffi* Koçak,1980.
653. **Apamea (s.str.) polyglypha (Staudinger,1892)** (Noctuidae) Synonym(s): *polyglypha* Staudinger,1892
654. **Apamea (s.str.) remissa (Hübner,[1809])** (Noctuidae) Synonym(s): *remissa* Hübner,[1809]
655. **Apamea (s.str.) sordens (Hufnagel,1766)** (Noctuidae) Synonym(s): *sordens* Hufnagel,1766; *basilinea* [Denis & Schiffermüller],1775; *marmorosa* Esper,[1788]; *nebulosa* Vieweg,1790; *cinelfacta* Graeser,1889 *nec* Gte.,1881; *griseus* Staudinger,1889; *basistriga* Staudinger,1892; *alacra* Dannehl,1933

656. **Apamea (s.str.) syriaca (Osthelder,1933)** (Noctuidae) Synonym(s): *syriaca* Osthelder,1933; *#albida* Osthelder,1933; *tallosi* Kovacs & Varga,1969.
657. **Arenostola unicolor W.Warren,1914** (Noctuidae) Synonym(s): *unicolor* W.Warren,1914
658. **Argyrospila succinea (Esper,[1798])** (Noctuidae) Synonym(s): *succinea* Esper,[1798]
659. **Atethmia centrargo (Haworth,[1809])** (Noctuidae) Synonym(s): *centrargo* Haworth,[1809].
660. **Autographa gamma (Linnaeus,1758)** (Noctuidae) Synonym(s): *gamma* Linnaeus,1758; *messmeri* Schadewald,1992; *voelkeri* Schadewald,1992.
661. **Autographa jota (Linnaeus,1758)** (Noctuidae) Synonym(s): *jota* Linnaeus,1758; *protea* Stoll,1782; *inscripta* Esper,1787; *gammaaurina* Haworth,1809; *percontationis* Ochsenheimer,1816; *aurigutta* Hübner,[1821]; *ancora* Freyer,1832; *bartholomaeii* Ménétriés,1859; *anatolica* Schwingenschuss,1938
662. **Autophila (Cheirophanes) chamaephanes Boursin,1940** (Noctuidae) Synonym(s): *chamaephanes* Boursin,1940
663. **Autophila (Cheirophanes) ligaminosa (Eversmann,1851)** (Noctuidae) Synonym(s): *ligaminosa* Eversmann,1851; *caucasica* Herz,1904.
664. **Autophila (s.str.) asiatica (Staudinger,1888)** (Noctuidae) Synonym(s): *asiatica* Staudinger,1888
665. **Autophila (s.str.) banghaasi Boursin,1940** (Noctuidae) Synonym(s): *banghaasi* Boursin,1940
666. **Autophila (s.str.) dilucida (Hübner,[1808])** (Noctuidae) Synonym(s): *dilucida* Hübner,[1808]; *praeclara* Schawerda,1918; *argentea* Caradja,1930; *troniceki* Reisser,1958.
667. **Autophila (s.str.) libanotica (Staudinger,1901)** (Noctuidae) Synonym(s): *libanotica* Staudinger,1901; *osthelderi* Boursin,1940; *libanopsis* Boursin,1962.
668. **Basistriga flammata ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *flammata* [Denis & Schiffermüller],1775; *bimaculata* Milliere,1885.
669. **Behounekia freyeri (Frivaldsky,1835)** (Noctuidae) Synonym(s): *freyeri* Frivaldsky,1835; *lintea* Freyer,1842; *orontii* Herrich-Schäffer,[1851]; *senescens* Eversmann,1856; *#linthea* Lederer,1870
670. **Brandtina albonigra Bytinski-Salz & Brandt,1937** (Noctuidae) Synonym(s): *albonigra* Bytinski-Salz & Brandt,1937; *noacki* Boursin,1967
671. **Bryomima carducha Staudinger,1900** (Noctuidae) Synonym(s): *carducha* Staudinger,1900
672. **Bryomima defreina Hacker,[1987]** (Noctuidae) Synonym(s): *defreina* Hacker,[1987].
673. **Bryomima hakkariensis De Freina & Hacker,1985** (Noctuidae) Synonym(s): *hakkariensis* De Freina & Hacker,1985
674. **Bryophilopsis roederi (Standfuss,1892)** (Noctuidae) Synonym(s): *roederi* Standfuss,1892
675. **Calamia staudingeri Warnecke,1941** (Noctuidae) Synonym(s): *staudingeri* Warnecke,1941
676. **Callistege mi (Clerck,1759)** (Noctuidae) Synonym(s): *#mi* Clerck,1759; *graminis* Hufnagel,1766; *albolineata* Goeze,1781; *litterata* Cyrilli,1787 nec Sc.,1763
677. **Calophasia lunula (Hufnagel,1766)** (Noctuidae) Synonym(s): *lunula* Hufnagel,1766; *linariae* [Denis & Schiffermüller],1775.
678. **Calophasia opalina (Esper,[1796])** (Noctuidae) Synonym(s): *casta* Borkhausen,1793 nec Pall.,1767; *opalina* Esper,[1796]; *biroi* Aigner,1901; *naruensis* Spuler,1910; *castior* Stauder,1923.
679. **Calymma communimacula ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *communimacula* [Denis & Schiffermüller],1775
680. **Caradrina (Boursinidrina) parvaspersa (Boursin,1936)** (Noctuidae) Synonym(s): *parvaspersa* Boursin,1936
681. **Caradrina (Boursinidrina) pseudadelpha (Boursin,1939)** (Noctuidae) Synonym(s): *pseudadelpha* Boursin,1939
682. **Caradrina (Boursinidrina) rjabovi (Boursin,1936)** (Noctuidae) Synonym(s): *rjabovi* Boursin,1936; *pseudovicina* Boursin,1939
683. **Caradrina (Boursinidrina) surchica (Boursin,1937)** (Noctuidae) Synonym(s): *surchica* Boursin,1937
684. **Caradrina (Eremodrina) doleropsis (Boursin,1939)** (Noctuidae) Synonym(s): *doleropsis* Boursin,1939; *doleropsis* Boursin,1940.
685. **Caradrina (Eremodrina) draudti (Boursin,1936)** (Noctuidae) Synonym(s): *draudti* Boursin,1936; *pseudopertinax* Boursin,1939; *pseudopertinax* Boursin,1940
686. **Caradrina (Eremodrina) gilva (Donzel,1837)** (Noctuidae) Synonym(s): *gilva* Donzel,1837; *molisana* Dannehl,1929
687. **Caradrina (Eremodrina) inumbrata (Staudinger,1900)** (Noctuidae) Synonym(s): *inumbrata* Staudinger,1900; *inumbratella* Pinker,1980
688. **Caradrina (Eremodrina) salzi (Boursin,1936)** (Noctuidae) Synonym(s): *salzi* Boursin,1936
689. **Caradrina (Eremodrina) vicina (Staudinger,1870)** (Noctuidae) Synonym(s): *vicina* Staudinger,1870; *perspicua* W.Warren,1911
690. **Caradrina (Paradrina) boursini (F.Wagner,1936)** (Noctuidae) Synonym(s): *boursini* F.Wagner,1936
691. **Caradrina (Paradrina) clavipalpis (Scopoli,1763)** (Noctuidae) Synonym(s): *clavipalpis* Scopoli,1763; *grisea* Hufnagel,1766; *quadripunctata* Fabricius,1775; *cubicularis* [Denis & Schiffermüller],1775; *leucoptera* Thunberg,1791; *milleri* Schultz,1862; *avicula* Krulikovsky,1909; *teidovolans* Pinker,1974; *pinkeri* Kobes,1975
692. **Caradrina (Paradrina) flavirena (Guenée,1852)** (Noctuidae) Synonym(s): *flavirena* Guenée,1852; *minor* Staudinger,1897; *subdita* W.Warren,1911; *muricolor* Boursin,1933; *subdita* Leraut,1980
693. **Caradrina (Paradrina) fulvafusca Hacker,2004** (Noctuidae) Synonym(s): *fulvafusca* Hacker,2004
694. **Caradrina (Paradrina) poecila (Boursin,1939)** (Noctuidae) Synonym(s): *poecila* Boursin,1939
695. **Caradrina (Paradrina) wulschlegeli (Püngeler,1903)** (Noctuidae) Synonym(s): *wulschlegeli* Püngeler,1903



696. **Caradrina (Platyperigea) albina (Eversmann,1848)** (Noctuidae) Synonym(s): *albina* Eversmann,1848; *congesta* Lederer,1853; *tenera* A.Bang-Haas,1912
697. **Caradrina (Platyperigea) aspersa (Rambur,1834)** (Noctuidae) Synonym(s): *aspersa* Rambur,1834; *anceps* Herrich-Schäffer,1849; *culoti* Turati,1913.
698. **Caradrina (Platyperigea) montana (Bremer,1861)** (Noctuidae) Synonym(s): *montana* Bremer,1861; *apatetica* Püngeler,1914; *sachalinensis* Matsumura,1925; *melancholica* Draudt,1934; *kaolina* Bryk,1949
699. **Caradrina (Platyperigea) terrea (Freyer,[1840])** (Noctuidae) Synonym(s): *terrea* Freyer,[1840]; *ustirena* Boisduval,1840
700. **Caradrina (s.str.) morpheus (Hufnagel,1766)** (Noctuidae) Synonym(s): *morpheus* Hufnagel,1766; *pulla* Beckwith,1794 nec Esp.,[1785]; *sepii* Hübner,[1803]; *dresnaya* D.Lucas,1933; *alpina* Hartig,[1938]
701. **Catephia alchymista ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *alchymista* [Denis & Schiffermüller],1775
702. **Catocala (s.str.) abacta Staudinger,1900** (Noctuidae) Synonym(s): *abacta* Staudinger,1900; *irana* Brandt,1938; *#iranica* Hacker,1986.
703. **Catocala (s.str.) conversa (Esper,1783)** (Noctuidae) Synonym(s): *conversa* Esper,[1787]; *pasythea* Hübner,[1809]; *agamos* Hübner,[1813]
704. **Catocala (s.str.) elocata (Esper,[1787])** (Noctuidae) Synonym(s): *elocata* Esper,[1787]; *marita* Hübner,[1813]; *nurus* Hübner,[1822]
705. **Catocala (s.str.) hymenaea ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *#hymenaea* [Denis & Schiffermüller],1775
706. **Catocala (s.str.) lesbia Christoph,1887** (Noctuidae) Synonym(s): *lesbia* Christoph,1887
707. **Catocala (s.str.) lupina Herrich-Schäffer,[1851]** (Noctuidae) Synonym(s): *lupina* Herrich-Schäffer,[1851]; *detrita* W.Warren,1913
708. **Catocala (s.str.) neonympha (Esper,[1805])** (Noctuidae) Synonym(s): *neonympha* Esper,[1805]
709. **Catocala (s.str.) nupta (Linnaeus,1767)** (Noctuidae) Synonym(s): *nupta* Linnaeus,1767; *concubina* Hübner,[1803]
710. **Catocala (s.str.) nymphagoga (Esper,[1787])** (Noctuidae) Synonym(s): *nymphagoga* Esper,[1787]; *v-nigrum* Villers,1789; *tmolia* Lederer,1865
711. **Catocala (s.str.) puerpera (Giorna,1791)** (Noctuidae) Synonym(s): *puerpera* Giorna,1791; *amasia* Esper,[1804] nec Sm.,1797; *pelle* Hübner,[1809]; *romana* Schultz,1909
712. **Catocala (s.str.) wolff Hacke,1999** (Noctuidae) Synonym(s): *wolff Hacke,1999*
713. **Cerapteryx megala (Alpheraky,1882)** (Noctuidae) Synonym(s): *megala* Alpheraky,1882.
714. **Chazaria incarnata (Freyer,1838)** (Noctuidae) Synonym(s): *incarnata* Freyer,1838; *boisduvali* Boisduval,1840.
715. **Chersotis (Cyrebia) anachoreta (Herrich-Schäffer,[1851])** (Noctuidae) Synonym(s): *anachoreta* Herrich-Schäffer,[1851]; *niesiolowskii* Koçak,1987
716. **Chersotis (s.str.) alpestris (Boisduval,[1837])** (Noctuidae) Synonym(s): *alpestris* Boisduval,[1837]
717. **Chersotis (s.str.) anatolica (Draudt,1936)** (Noctuidae) Synonym(s): *anatolica* Draudt,1936; *elegantula* Boursin,1945.
718. **Chersotis (s.str.) andereggii (Boisduval,[1837])** (Noctuidae) Synonym(s): *andereggii* Boisduval,[1837]
719. **Chersotis (s.str.) capnistis (Lederer,1872)** (Noctuidae) Synonym(s): *capnistis* Lederer,1872; *neara* Püngeler,1902.
720. **Chersotis (s.str.) fimbriola (Esper,[1798])** (Noctuidae) Synonym(s): *fimbriola* Esper,[1798]
721. **Chersotis (s.str.) firdussi Schwingenschuss,1937** (Noctuidae) Synonym(s): *firdussi* Schwingenschuss,1937
722. **Chersotis (s.str.) glebosa (Staudinger,1900)** (Noctuidae) Synonym(s): *glebosa* Staudinger,1900
723. **Chersotis (s.str.) gratissima (Corti,1932)** (Noctuidae) Synonym(s): *gratissima* Corti,1932
724. **Chersotis (s.str.) illauta (Draudt,1936)** (Noctuidae) Synonym(s): *illauta* Draudt,1936
725. **Chersotis (s.str.) juvenis (Staudinger,1901)** (Noctuidae) Synonym(s): *caelebs* Staudinger,1900 nec Stgr.,1896; *juvenis* Staudinger,1901; *clarivenosa* Draudt,1936.
726. **Chersotis (s.str.) laeta (Rebel,1904)** (Noctuidae) Synonym(s): *laeta* Rebel,1904
727. **Chersotis (s.str.) larixia (Guenée,1852)** (Noctuidae) Synonym(s): *larixia* Guenée,1852.
728. **Chersotis (s.str.) rectangula (Fabricius,1787)** (Noctuidae) Synonym(s): *rectangula* Fabricius,1787.
729. **Chersotis (s.str.) semna (Püngeler,1906)** (Noctuidae) Synonym(s): *semna* Püngeler,1906
730. **Chersotis (s.str.) stenographa Varga,1979** (Noctuidae) Synonym(s): *stenographa* Varga,1979
731. **Chloantha hypericii (Fabricius,1787)** (Noctuidae) Synonym(s): *#hyperici* [Denis & Schiffermüller],1775; *hypericii* Fabricius,1787
732. **Cleonymia (Serryvania) opposita (Lederer,1870)** (Noctuidae) Synonym(s): *opposita* Lederer,1870; *#obscurior* Osthelder,1933.
733. **Clytie (s.str.) gracilis (A.Bang-Haas,1907)** (Noctuidae) Synonym(s): *gracilis* A.Bang-Haas,1907; *syrdaja* Hampson,1913.
734. **Clytie (s.str.) syriaca (Bugnion,1837)** (Noctuidae) Synonym(s): *syriaca* Bugnion,1837; *gentilitia* Freyer,1848.
735. **Colobochyla (Caspicastra) platyzona (Lederer,1870)** (Noctuidae) Synonym(s): *platyzona* Lederer,1870; *#platyzona* Hacker,1990.
736. **Conistra (s.str.) metria Boursin,1940** (Noctuidae) Synonym(s): *metria* Boursin,1940; *pseudopolitina* Hacker,1990.
737. **Conistra (s.str.) rubiginosa (Scopoli,1763)** (Noctuidae) Synonym(s): *rubiginosa* Scopoli,1763; *silene* [Denis & Schiffermüller],1775; *vaupunctatum* Esper,[1786].

738. **Conistra (s.str.) vaccinii (Linnaeus,1761)** (Noctuidae) Synonym(s): *vaccinii* Linnaeus,1761; *polita* [Denis & Schiffermüller],1775; *spadicea* [Denis & Schiffermüller],1775
739. **Cornutiplusia circumflexa (Linnaeus,1767)** (Noctuidae) Synonym(s): *circumflexa* Linnaeus,1767; *lunata* Fabricius,1787; *flexuosa* Donovan,1807; *daubii* Freyer,1838; *graphica* Herrich-Schäffer,1851; *patefacta* Walker,[1858]; *reticulata* Moore,1882; *clarescens* Pinker & Bacallado,1975; *#unata* Kononenko & Pinratana,2005
740. **Cosmia (Calymnia) trapezina (Linnaeus,1758)** (Noctuidae) Synonym(s): *trapezina* Linnaeus,1758
741. **Cosmia (s.str.) affinis (Linnaeus,1767)** (Noctuidae) Synonym(s): *affinis* Linnaeus,1767
742. **Cryphia (Bryoleuca) ereptricula (Treitschke,1825)** (Noctuidae) Synonym(s): *ereptricula* Treitschke,1825
743. **Cryphia (Bryoleuca) petrea (Guenée,1852)** (Noctuidae) Synonym(s): *petrea* Guenée,1852
744. **Cryphia (Bryoleuca) raptricula ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *raptricula* [Denis & Schiffermüller],1775; *divisa* Esper,[1791]; *palliola* Borkhausen,1792; *pomula* Borkhausen,1792; *deceptricula* Hübner,[1803]; *carbonis* Freyer,1849; *felina* Eversmann,1852; *#striata* Staudinger,1879; *#persica* Strand,1915; *cretica* Reisser,1962
745. **Cryphia (Bryoleuca) rectilinea (W.Warren,1909)** (Noctuidae) Synonym(s): *rectilinea* W.Warren,1909; *mediocracea* Bytinski-Salz,1936; *insulicola* Reisser,1962.
746. **Cryphia (Bryoleuca) seladona (Christoph,1885)** (Noctuidae) Synonym(s): *seladona* Christoph,1885; *umovii* auct.
747. **Cryphia (Bryoleuca) thamanaea (Hampson,1908)** (Noctuidae) Synonym(s): *thamanaea* Hampson,1908
748. **Cryphia (Bryophila) eucharista Boursin,1960** (Noctuidae) Synonym(s): *iranica* Brandt,1941 *nec* Schwing.,1937; *eucharista* Boursin,1960.
749. **Cryphia (Bryophila) maeonis (Lederer,1865)** (Noctuidae) Synonym(s): *maeonis* Lederer,1865; *praecana* Christoph,1893; *rubellina* Staudinger,1900; *sordida* Staudinger,1900; *sabulosa* W.Warren,1909.
750. **Cryphia (Bryophila) occidentalis (Osthelder,1933)** (Noctuidae) Synonym(s): *occidentalis* Osthelder,1933.
751. **Cryphia (Bryopsis) amasina (Draudt,1931)** (Noctuidae) Synonym(s): *amasina* Draudt,1931
752. **Cryphia (Euthales) algae (Fabricius,1775)** (Noctuidae) Synonym(s): *algae* Fabricius,1775; *degener* [Denis & Schiffermüller],1775; *alni* Fabricius,1787; *calligrapha* Borkhausen,1792; *mendacula* Hübner,[1813].
753. **Cucullia (Shargacucullia) armena G.Ronkay & L.Ronkay,1986** (Noctuidae) Synonym(s): *armena* G.Ronkay & L.Ronkay,1986
754. **Cucullia (Shargacucullia) barthae Boursin,1933** (Noctuidae) Synonym(s): *barthae* Boursin,1933
755. **Cucullia (Shargacucullia) lanceolata (Villers,1789)** (Noctuidae) Synonym(s): *lanceolata* Villers,1789; *thapsiphaga* Treitschke,1826
756. **Cucullia (Shargacucullia) lychnitis (Rambur,1833)** (Noctuidae) Synonym(s): *lychnitis* Rambur,1833
757. **Cucullia (Shargacucullia) verbasci (Linnaeus,1758)** (Noctuidae) Synonym(s): *verbasci* Linnaeus,1758; *oberthueri* Rothschild,1911.
758. **Cucullia (s.str.) argentina (Fabricius,1787)** (Noctuidae) Synonym(s): *argentina* Fabricius,1787; *achalina* Püngeler,1900; *griseocens* F.Wagner,1931 *nec* Lch.,1900; *anatoliensis* Koçak,1980.
759. **Cucullia (s.str.) behouneki Hacker & Ronkay,1988** (Noctuidae) Synonym(s): *behouneki* Hacker & Ronkay,1988
760. **Cucullia (s.str.) dracunculi (Hübner,[1813])** (Noctuidae) Synonym(s): *dracunculi* Hübner,[1813]; *incana* Eversmann,1842; *anthemidis* Guenée,1852; *linosyridis* Fuchs,1903.
761. **Cucullia (s.str.) ronkayi Hacker & Pinker,1987** (Noctuidae) Synonym(s): *ronkayi* Hacker & Pinker,1987
762. **Cucullia (s.str.) umbratica (Linnaeus,1758)** (Noctuidae) Synonym(s): *umbratica* Linnaeus,1758; *sonchi* Heinemann,1859.
763. **Dasypolia (s.str.) altissima Hacker & Moberg,1988** (Noctuidae) Synonym(s): *altissima* Hacker & Moberg,1988
764. **Dasypolia (s.str.) templi (Thunberg,1792)** (Noctuidae) Synonym(s): *templi* Thunberg,1792; *alpina* Rogenhofer,1866; *caflischi* Rühl,1892; *banghaasi* Turati,1909.
765. **Desertoplusia bella (Christoph,1887)** (Noctuidae) Synonym(s): *bella* Christoph,1887
766. **Desertoplusia colornata Varga & L.Ronkay,1991** (Noctuidae) Synonym(s): *bella* auct. *nec* Chr.,1887; *colornata* Varga & L.Ronkay,1991; *#colomata* Hacker,1992
767. **Diachrysia chrysitis (Linnaeus,1758)** (Noctuidae) Synonym(s): *chrysitis* Linnaeus,1758
768. **Diarsia florida (Schmidt,1859)** (Noctuidae) Synonym(s): *florida* Schmidt,1859
769. **Diarsia rubi (Vieweg,1790)** (Noctuidae) Synonym(s): *rubi* Vieweg,1790; *radica* Esper,[1790]; *bella* Borkhausen,1792 *nec* Linn.,1758; *quadratum* Hübner,[1813]; *posticata* Walker,[1858].
770. **Dichagyris (Grisyigoga) candelisequa ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *candelisequa* [Denis & Schiffermüller],1775; *sagittifera* Hübner,[1813]; *piemonticola* Schwingenschuss,1954; *zapateri* Schwingenschuss,1962.
771. **Dichagyris (Yigoga) celsicola (Bellier,1858)** (Noctuidae) Synonym(s): *celsicola* Bellier,1858
772. **Dichagyris (Yigoga) flavina (Herrich-Schäffer,[1852])** (Noctuidae) Synonym(s): *flavina* Herrich-Schäffer,[1852]; *ochrina* Staudinger,1898; *pretiosa* Caradja,1931.
773. **Dichagyris (Yigoga) forcipula ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *forcipula* [Denis & Schiffermüller],1775; *denticulosa* Esper,[1794]; *bornicensis* Fuchs,1884; *helladica* Rebel,1905; *samnitica* Dannehl,1933; *romanoi* Berio,1980.
774. **Dichagyris (Yigoga) gracilis (F.Wagner,1929)** (Noctuidae) Synonym(s): *gracilis* F.Wagner,1929
775. **Dichagyris (Yigoga) latipennis (Püngeler,1909)** (Noctuidae) Synonym(s): *latipennis* Püngeler,1909
776. **Dichagyris (Yigoga) nachadira (Brandt,1941)** (Noctuidae) Synonym(s): *nachadira* Brandt,1941
777. **Dichagyris (Yigoga) nigrescens (Hofner,1888)** (Noctuidae) Synonym(s): *nigrescens* Höfner,1888

778. **Dichagyris (Yigoga) orientis (Alpheraky,1882)** (Noctuidae) Synonym(s): *orientis* Alpheraky,1882; *improcera* Staudinger,1888; *imitata* Corti & Draudt,1933.
779. **Dichagyris (Yigoga) romanovi (Christoph,1885)** (Noctuidae) Synonym(s): *romanovi* Christoph,1885; *#jura* Strand,1915; *karsholti* Fibiger,1990.
780. **Dichagyris (Yigoga) signifera ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *#signifera* [Denis & Schiffermüller],1775
781. **Dichagyris (Yigoga) sincera (De Freina & Hacker,1985)** (Noctuidae) Synonym(s): *sincera* De Freina & Hacker,1985.
782. **Dichagyris (Yigoga) truculenta (Lederer,1853)** (Noctuidae) Synonym(s): *truculenta* Lederer,1853
783. **Dichagyris (Yigoga) weigerti Hacker & Varga,1990** (Noctuidae) Synonym(s): *weigerti* Hacker & Varga,1990
784. **Dichagyris (Yigoga) wiltshirei (Boursin,1936)** (Noctuidae) Synonym(s): *wiltshirei* Boursin,1936; *#wiltshirei* Ebert & Hacker,2002
785. **Dichagyris (s.str.) amoena (Staudinger,1892)** (Noctuidae) Synonym(s): *amoena* Staudinger,1892; *flavida* Corti & Draudt,1933.
786. **Dichagyris (s.str.) anastasia (Draudt,1936)** (Noctuidae) Synonym(s): *anastasia* Draudt,1936
787. **Dichagyris (s.str.) argentea (Kozhantshikov,1929)** (Noctuidae) Synonym(s): *argentea* Kozhantshikov,1929
788. **Dichagyris (s.str.) armeniaca Kozhantshikov,1929** (Noctuidae) Synonym(s): *armeniaca* Kozhantshikov,1929; *assimilata* Kozhantshikov,1929; *striatus* Kozhantshikov,1929.
789. **Dichagyris (s.str.) devota (Christoph,1884)** (Noctuidae) Synonym(s): *devota* Christoph,1884; *turana* Staudinger,1892
790. **Dichagyris (s.str.) elbursica (Draudt,1937)** (Noctuidae) Synonym(s): *elbursica* Draudt,1937
791. **Dichagyris (s.str.) erubescens (Staudinger,1892)** (Noctuidae) Synonym(s): *erubescens* Staudinger,1892
792. **Dichagyris (s.str.) forficula (Eversmann,1851)** (Noctuidae) Synonym(s): *forficula* Eversmann,1851
793. **Dichagyris (s.str.) fredii (Brandt,1938)** (Noctuidae) Synonym(s): *fredii* Brandt,1938
794. **Dichagyris (s.str.) leucomelas Brandt,1941** (Noctuidae) Synonym(s): *leucomelas* Brandt,1941
795. **Dichagyris (s.str.) melanura (Kollar,1846)** (Noctuidae) Synonym(s): *melanura* Kollar,1846
796. **Dichagyris (s.str.) pfeifferi (Corti & Draudt,1933)** (Noctuidae) Synonym(s): *pfeifferi* Corti & Draudt,1933
797. **Dichagyris (s.str.) psammochroa (Boursin,1940)** (Noctuidae) Synonym(s): *psammochroa* Boursin,1940; *#dichroa* Boursin,1940.
798. **Dichagyris (s.str.) renigera (Hübner,[1808])** (Noctuidae) Synonym(s): *renigera* Hübner,[1808]; *dumosa* Donzel,1837; *caucasica* Staudinger,1877; *funebria* Staudinger,1892; *nigrescens* Kitt,1925 *nec* Höfner,1888; *funestissima* Bubacek,1926; *argentina* Caradja,1930.
799. **Dichagyris (s.str.) squalidior (Staudinger,1901)** (Noctuidae) Synonym(s): *squalidior* Staudinger,1901
800. **Dichagyris (s.str.) squalorum (Eversmann,1856)** (Noctuidae) Synonym(s): *squalorum* Eversmann,1856
801. **Dichagyris (s.str.) terminicincta (Corti & Draudt,1933)** (Noctuidae) Synonym(s): *terminicincta* Corti & Draudt,1933; *maraschi* Corti & Draudt,1933.
802. **Dichagyris (s.str.) tyrannus (A.Bang-Haas,1912)** (Noctuidae) Synonym(s): *tyrannus* A.Bang-Haas,1912
803. **Dichagyris (s.str.) vallesiaca (Boisduval,[1837])** (Noctuidae) Synonym(s): *vallesiaca* Boisduval,[1837]
804. **Drasteria cailino (Lefèbvre,1827)** (Noctuidae) Synonym(s): *cailino* Lefèbvre,1827; *caylino* Lederer,1857
805. **Drasteria caucasica (Kolenati,1846)** (Noctuidae) Synonym(s): *caucasica* Kolenati,1846; *astrida* Eversmann,1856; *aksuensis* Fuchs,1903.
806. **Drasteria herzi (Alpheraky,1895)** (Noctuidae) Synonym(s): *herzi* Alpheraky,1895
807. **Drasteria saisani (Staudinger,1882)** (Noctuidae) Synonym(s): *saisani* Staudinger,1882; *clara* Staudinger,1895; *#zaisani* John,1910.
808. **Earias clorana (Linnaeus,1761)** (Noctuidae) Synonym(s): *clorana* Linnaeus,1761; *viride* Retzius,1783
809. **Earias insulana (Boisduval,1833)** (Noctuidae) Synonym(s): *insulana* Boisduval,1833; *smaragdinana* Zeller,1852; *frondosana* Walker,1863; *xanthophila* Walker,1863; *siliquana* Stainton,1865; *simillima* Walker,1866; *gossypii* Frauenfeld,1867; *anthophilana* Snellen,1879; *trigostrigosa* Butler,1881.
810. **Egira anatolica (Hering,1933)** (Noctuidae) Synonym(s): *anatolica* Hering,1933; *#metaxys* Boursin,1966; *#leucomelas* Boursin,1966
811. **Acontia (Emmelia) trabealis (Scopoli,1763)** (Noctuidae) Synonym(s): *trabealis* Scopoli,1763; *arabica* Hufnagel,1766; *sulphuralis* Linnaeus,1767; *sulphurea* [Denis & Schiffermüller],1775; *lugubris* Fabricius,1777; *histrionella* Goeze,1783; *arlequinetta* Fourcroy,1785; *trabeata* Borkhausen,1790; *pardalina* Walker,1865; *deleta* Staudinger,1877; *flavonitens* Austaut,1880; *algira* Oberthür,1881
812. **Enargia paleacea (Esper,[1788])** (Noctuidae) Synonym(s): *paleacea* Esper,[1788].
813. **Epilecta linogrisea ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *linogrisea* [Denis & Schiffermüller],1775; *lutosa* Staudinger,1901.
814. **Episema amasina (Hampson,1906)** (Noctuidae) Synonym(s): *amasina* Hampson,1906
815. **Episema didymogramma (Boursin,1955)** (Noctuidae) Synonym(s): *didymogramma* Boursin,1955
816. **Episema korsakovi (Christoph,1885)** (Noctuidae) Synonym(s): *korsakovi* Christoph,1885; *paenulata* Christoph,1885.
817. **Episema lederi Christoph,1885** (Noctuidae) Synonym(s): *lederi* Christoph,1885; *sareptana* Alpheraky,1897; *#lederi* Wiltshire,1937.
818. **Episema tersa ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *tersa* [Denis & Schiffermüller],1775; *trimacula* [Denis & Schiffermüller],1775; *swiderskii* Kostrowicki,1956.
819. **Eremobia asiatica Draudt,1936** (Noctuidae) Synonym(s): *asiatica* Draudt,1936



820. **Eublemma (Glossodice) polygrammum (Duponchel,[1842])** (Noctuidae) Synonym(s): *polygramma Duponchel,[1842]*; *argillacea Eversmann,1844*; *nuda Christoph,1862*; *violetta Staudinger,1889*.
821. **Eublemma (albida-gr.) compunctum (Lederer,1872)** (Noctuidae) Synonym(s): *compuncta Lederer,1872*; *aftob Brandt,1938*.
822. **Eublemma (albida-gr.) gratissimum (Staudinger,1892)** (Noctuidae) Synonym(s): *gratissima Staudinger,1892*; *infusca Staudinger,1892*; *peralba Schawerda,1923*.
823. **Eublemma (albida-gr.) hansa (Herrich-Schäffer,[1851])** (Noctuidae) Synonym(s): *hansa Herrich-Schäffer,[1851]*
824. **Eublemma (bulla-gr.) suppurum (Staudinger,1892)** (Noctuidae) Synonym(s): *suppura Staudinger,1892*
825. **Eublemma (candidana-gr.) aureolum Fibiger & Hacker,2002** (Noctuidae) Synonym(s): *aureola Fibiger & Hacker,2002*
826. **Eublemma (candidana-gr.) minutatum (Fabricius,1794)** (Noctuidae) Synonym(s): *minutata Fabricius,1794*; *noctualis Hübner,1796*; *paula Hübner,[1809]*.
827. **Eublemma (candidana-gr.) ochreolum (Staudinger,1900)** (Noctuidae) Synonym(s): *ochreola Staudinger,1900*; *thurneri Zerny,1936*.
828. **Eublemma (ostrina-gr.) ostrinum (Hübner,[1808])** (Noctuidae) Synonym(s): *ostrina Hübner,[1808]*; *carthami Herrich-Schäffer,[1851]*; *aestivalis Guenée,1852*; *numida Lucas,1849*; *thasia Koutsaftikis,1973*.
829. **Eublemma (pallidula-gr.) pallidulum (Herrich-Schäffer,1856)** (Noctuidae) Synonym(s): *pallidula Herrich-Schäffer,1856*
830. **Eublemma (parva-gr.) parvum (Hübner,[1808])** (Noctuidae) Synonym(s): *parva Hübner,[1808]*; *rubefacta Mabilie,1869*; *chalybea Swinhoe,1884*; *nymphodora Meyrick,1902*.
831. **Eublemma (rosina-gr.) amoenum (Hübner,[1803])** (Noctuidae) Synonym(s): *respersa Hübner,1790*; *amoena Hübner,[1803]*; *bithynica Bethune-Baker,1888*.
832. **Eublemma (rosina-gr.) panonicum (Freyer,1840)** (Noctuidae) Synonym(s): *panonica Freyer,1840*; *kindermannii Boisduval,1840*; *lenis Eversmann,1844*
833. **Eublemma (rosina-gr.) parallelum (Freyer,1842)** (Noctuidae) Synonym(s): *parallela Freyer,1842*; *concinnulla Herrich-Schäffer,1851*; *#densata W.Warren,1912*.
834. **Eublemma (rosina-gr.) purpurinum ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *purpurina [Denis & Schiffermüller],1775*; *secunda Staudinger,1901*.
835. **Eublemma suppuncta (Staudinger,1892)** (Noctuidae) Synonym(s): *suppuncta Staudinger,1892*; *#suppuncta Hacker,1988*
836. **Euchalcia (Pseudochalcia) kitchingi Hacker & Ronkay,1992** (Noctuidae) Synonym(s): *kitchingi Hacker & Ronkay,1992*
837. **Euchalcia (s.str.) armeniae Dufay,1966** (Noctuidae) Synonym(s): *armeniae Dufay,1966*; *#armeninae Hacker,1986*.
838. **Euchalcia (s.str.) biezankoi (Alberti,1965)** (Noctuidae) Synonym(s): *biezankoi Alberti,1965*; *#bienzankoi Hacker,[1987]*.
839. **Euchalcia (s.str.) dorsiflava (Standfuss,1892)** (Noctuidae) Synonym(s): *dorsiflava Standfuss,1892*
840. **Euchalcia (s.str.) emichi (Rogenhofer,1873)** (Noctuidae) Synonym(s): *emichi Rogenhofer,1873*
841. **Euchalcia (s.str.) hedeia Dufay,1978** (Noctuidae) Synonym(s): *hedeia Dufay,1978*; *#hedeja Hacker,1990*; *aureolineata Ronkay & Gyulai,1997*.
842. **Euchalcia (s.str.) siderifera (Eversmann,1846)** (Noctuidae) Synonym(s): *siderifera Eversmann,1846*
843. **Euchalcia (s.str.) taurica (Osthelder,1933)** (Noctuidae) Synonym(s): *taurica Osthelder,1933*
844. **Euchalcia (s.str.) viridis (Staudinger,1901)** (Noctuidae) Synonym(s): *viridis Staudinger,1901*
845. **Euclidia glyphica (Linnaeus,1758)** (Noctuidae) Synonym(s): *glyphica Linnaeus,1758*; *pratensis Müller,1764*
846. **Eugnorisma (Metagnorisma) pontica (Staudinger,1892)** (Noctuidae) Synonym(s): *pontica Staudinger,1892*
847. **Eugnorisma (s.str.) chaldaica (Boisduval,1840)** (Noctuidae) Synonym(s): *chaldaica Boisduval,1840*
848. **Eugnorisma (s.str.) eminens (Lederer,1855)** (Noctuidae) Synonym(s): *eminens Lederer,1855*; *excellens Staudinger,1867*
849. **Eugnorisma (s.str.) insignata (Lederer,1853)** (Noctuidae) Synonym(s): *insignata Lederer,1853*; *intermedia Eversmann,1855*.
850. **Eugnorisma (s.str.) leuconeura (Hampson,1918)** (Noctuidae) Synonym(s): *leuconeura Hampson,1918*; *fuliginosa Draudt,1936*.
851. **Eulocastra diaphora (Staudinger,1879)** (Noctuidae) Synonym(s): *diaphora Staudinger,1879*; *triangularis W.Warren,1888*; *atribasalis Hampson,1896*; *laticincta Staudinger,1898*.
852. **Eupsilia transversa (Hufnagel,1766)** (Noctuidae) Synonym(s): *transversa Hufnagel,1766*; *satellitina Linnaeus,1767*
853. **Eutelia adoratrix (Staudinger,1892)** (Noctuidae) Synonym(s): *adoratrix Staudinger,1892*
854. **Eutelia adulatrix (Hübner,[1813])** (Noctuidae) Synonym(s): *adulatrix Hübner,[1813]*
855. **Euxoa (Orosagrotis) difficillima (Draudt,1937)** (Noctuidae) Synonym(s): *difficillima Draudt,1937*
856. **Euxoa (Orosagrotis) foeda (Lederer,1855)** (Noctuidae) Synonym(s): *foeda Lederer,1855*; *enitens Corti,1926*; *marmorosa Corti,1927*; *vanensis Draudt,1937*.
857. **Euxoa (Pleonectopoda) hilaris (Freyer,1838)** (Noctuidae) Synonym(s): *hilaris Freyer,1838*
858. **Euxoa (Pleonectopoda) inclusa Corti,1931** (Noctuidae) Synonym(s): *inclusa Corti,1931*
859. **Euxoa (Pleonectopoda) rjabovi Kozhantshikov,1929** (Noctuidae) Synonym(s): *rjabovi Kozhantshikov,1929*; *inclusa Corti,1931*

860. **Euxoa (s.str.) anaemica Draudt,1936** (Noctuidae) Synonym(s): *anaemica* Draudt,1936
861. **Euxoa (s.str.) aquilina ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *aquilina* [Denis & Schiffermüller],1775; *fictilis* Hübner,[1813]; *unicolor* Hübner,[1813]; *petrina* Mayer,1937.
862. **Euxoa (s.str.) conspicua (Hübner,[1824])** (Noctuidae) Synonym(s): *conspicua* Hübner,[1824]; *agricola* Boisduval,1829; *lycarum* Herrich-Schäffer,1846; *abditata* De Joannis,1891; *#indistincta* Strand,1915; *osthelderi* Corti,1931; *complicata* Corti,1931.
863. **Euxoa (s.str.) cos (Hübner,[1824])** (Noctuidae) Synonym(s): *cos* Hübner,[1824]; *tephra* Boisduval,1840; *nagyagensis* Freyer,1845; *vacillans* Herrich-Schäffer,[1850]; *millierei* Staudinger,1870; *cycladum* Staudinger,1871; *aphe* Mabilie,1885; *crimaea* A.Bang-Haas,1906; *mesopotamica* A.Bang-Haas,1912; *rubra* Corti,1933.
864. **Euxoa (s.str.) decora ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *decora* [Denis & Schiffermüller],1775
865. **Euxoa (s.str.) distinguenda (Lederer,1857)** (Noctuidae) Synonym(s): *distinguenda* Lederer,1857.
866. **Euxoa (s.str.) hastifera (Donzel,1847)** (Noctuidae) Synonym(s): *hastifera* Donzel,1837; *proleuca* Hampson,1903; *pomazensis* Kovacs,1952; *hungarica* Kovacs,1952.
867. **Euxoa (s.str.) heringi Christoph,1877** (Noctuidae) Synonym(s): *heringi* Christoph,1877; *marcens* Christoph,1893; *signata* Staudinger,1900; *achyricola* Corti,1931.
868. **Euxoa (s.str.) homicida (Staudinger,1900)** (Noctuidae) Synonym(s): *homicida* Staudinger,1900; *#homicia* Hacker & Kautt,1999.
869. **Euxoa (s.str.) luteomixta (F.Wagner,1932)** (Noctuidae) Synonym(s): *luteomixta* F.Wagner,1932
870. **Euxoa (s.str.) nigricans (Linnaeus,1761)** (Noctuidae) Synonym(s): *nigricans* Linnaeus,1761; *fumosa* [Denis & Schiffermüller],1775; *rubricans* Esper,[1788]; *dubia* Haworth,1809; *vilis*, *fuliginea* Hübner,[1813]; *carbonea* Hübner,[1823]; *ursina* Godart,1825; *rustica* Eversmann,1842; *oppidicola* Krulikowsky,1907.
871. **Euxoa (s.str.) obelisca ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *obelisca* [Denis & Schiffermüller],1775; *praticola* Hübner,[1813]; *plectoides* Guenée,1852; *grisea* Tutt,1892; *#carbonis* W.Warren,1909; *stephensii* Heyd.,1933; *salioclitana* Boursin,1934.
872. **Euxoa (s.str.) scurrilis Draudt,1937** (Noctuidae) Synonym(s): *scurrilis* Draudt,1937
873. **Euxoa (s.str.) segnilis (Duponchel,1836)** (Noctuidae) Synonym(s): *segnilis* Duponchel,1836; *seliginis* Duponchel,1836; *siliginis* Guenée,1852; *#huebneroides* Boursin,1940; *adriatica* Fiori,1957.
874. **Euxoa (s.str.) sulcifera (Christoph,1893)** (Noctuidae) Synonym(s): *sulcifera* Christoph,1893
875. **Euxoa (s.str.) temera (Hübner,[1808])** (Noctuidae) Synonym(s): *temera* Hübner,[1808]; *ruris* Hübner,[1808]; *villiersii* Guenée,1837; *declarans* Walker,[1857]; *alphonsina* Fernald,1918; *boursini* Schawerda,1931; *perambulans* Corti,1931; *leucotera* Bytinski-Salz & Brandt,1937.
876. **Euxoa (s.str.) vitta (Esper,[1789])** (Noctuidae) Synonym(s): *vitta* Esper,[1789]
877. **Exophyla rectangularis (Geyer,[1828])** (Noctuidae) Synonym(s): *rectangularis* Geyer,[1828]; *#rectangularis* Lehmann, Hacker et al.,1998
878. **Gortyna cervago Eversmann,1844** (Noctuidae) Synonym(s): *cervago* Eversmann,1844; *#argillago* Draudt,1936.
879. **Gortyna flavago ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *flavago* [Denis & Schiffermüller],1775
880. **Gortyna osmana Hacker & Kuhna,1986** (Noctuidae) Synonym(s): *osmana* Hacker & Kuhna,1986
881. **Grammodes stolida (Fabricius,1775)** (Noctuidae) Synonym(s): *stolida* Fabricius,1775; *cingularis* Hübner,[1808]; *stupida* Herrich-Schäffer,1851; *curvilinea* Walker,1869.
882. **Hada persa (Alpheraky,1897)** (Noctuidae) Synonym(s): *persa* Alpheraky,1897
883. **Hadena (Anepia) musculina (Staudinger,1892)** (Noctuidae) Synonym(s): *musculina* Staudinger,1892; *mayeri* F.Wagner,1931.
884. **Hadena (Anepia) neglecta Hacker,1992** (Noctuidae) Synonym(s): *neglecta* Hacker,1992
885. **Hadena (Anepia) perplexa ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *perplexa* [Denis & Schiffermüller],1775; *lepida* Esper,[1790] *nec* Cr.,[1779]; *carpophaga* Brahm,1791; *ochracea* Haworth,1809; *capsophila* Boisduval,1840; *nisus* Germar,[1842]; *repanda* Herrich-Schäffer,[1850]; *atlas* A.E.Prout,1929; *sicula* Draudt,1933
886. **Hadena (Anepia) syriaca (Osthelder,1933)** (Noctuidae) Synonym(s): *syriaca* Osthelder,1933; *osthelderi* Draudt,1933.
887. **Hadena (Anepia) wolffi Hacker,1992** (Noctuidae) Synonym(s): *wolffi* Hacker,1992
888. **Hadena (Enterpia) laudeti (Boisduval,1840)** (Noctuidae) Synonym(s): *laudeti* Boisduval,1840
889. **Hadena (Enterpia) roseocandida Hacker,1996** (Noctuidae) Synonym(s): *roseocandida* Hacker,1996
890. **Hadena (Maschukia) pumila (Staudinger,1879)** (Noctuidae) Synonym(s): *pumila* Staudinger,1879
891. **Hadena (Pinkericola) cappadocia Hacker,1987** (Noctuidae) Synonym(s): *cappadocia* Hacker,1987
892. **Hadena (Pinkericola) inexpectata Varga,1979** (Noctuidae) Synonym(s): *inexpectata* Varga,1979
893. **Hadena (Pinkericola) tephroleuca (Boisduval,1833)** (Noctuidae) Synonym(s): *tephroleuca* Boisduval,1833
894. **Hadena (s.str.(Albimaculia)) albimacula (Borkhausen,1792)** (Noctuidae) Synonym(s): *albimacula* Borkhausen,1792; *concinna* Hübner,[1803]; *conserta* Hübner,[1820].
895. **Hadena (s.str.(Albimaculia)) cavalla Pinker,1980** (Noctuidae) Synonym(s): *cavalla* Pinker,1980
896. **Hadena (s.str.(Albimaculia)) defreinai Hacker, Kuhna & Gross,1986** (Noctuidae) Synonym(s): *grisea* Idrisov,1961; *defreinai* Hacker, Kuhna & Gross,1986
897. **Hadena (s.str.(Albimaculia)) gueneei (Staudinger,1901)** (Noctuidae) Synonym(s): *gueneei* Staudinger,1901; *guenei* Hampson,1905

898. **Hadena (s.str.(Albimaculia)) humilis (Christoph,1893)** (Noctuidae) Synonym(s): *humilis Christoph,1893; stenoptera Rebel,1933.*
899. **Hadena (s.str.(Anatolidena)) pfeifferi (Draudt,1934)** (Noctuidae) Synonym(s): *pfeifferi Draudt,1934*
900. **Hadena (s.str.(Anatolidena)) ronkayorum Hacker,1996** (Noctuidae) Synonym(s): *ronkayorum Hacker,1996*
901. **Hadena (s.str.(Anatolidena)) staudingeri (F.Wagner,1931)** (Noctuidae) Synonym(s): *staudingeri F.Wagner,1931*
902. **Hadena (s.str.(Caeshadena)) vanensis Hacker,1996** (Noctuidae) Synonym(s): *vanensis Hacker,1996*
903. **Hadena (s.str.(Clarhadena)) clara (Staudinger,1901)** (Noctuidae) Synonym(s): *clara Staudinger,1901; hyrcana Draudt,1933; transiens Draudt,1938.*
904. **Hadena (s.str.(Clarhadena)) hyrcanoides Hacker,1996** (Noctuidae) Synonym(s): *hyrcanoides Hacker,1996*
905. **Hadena (s.str.(Clarhadena)) pseudoclara Hacker,1996** (Noctuidae) Synonym(s): *pseudoclara Hacker,1996*
906. **Hadena (s.str.(Clarhadena)) subhyrcana Hacker,1996** (Noctuidae) Synonym(s): *subhyrcana Hacker,1996*
907. **Hadena (s.str.(Dianthoecia)) impressa (Esper,[1790])** (Noctuidae) Synonym(s): *#capsincola [Denis & Schiffermüller],1775; impressa Esper,[1790].*
908. **Hadena (s.str.(Filograna)) filograna (Esper,[1788])** (Noctuidae) Synonym(s): *filograna Esper,[1788]; filigrama auct.; polymita Hübner,[1803]; xanthocyanea Hübner,[1819]; flavivibica Hübner,[1821].*
909. **Hadena (s.str.(Hadenobilis)) chrysographa Hacker,1996** (Noctuidae) Synonym(s): *chrysographa Hacker,1996*
910. **Hadena (s.str.(Hadenobilis)) germaniciae Boursin,1959** (Noctuidae) Synonym(s): *germaniciae Boursin,1959*
911. **Hadena (s.str.(Hadenobilis)) melanochroa (Staudinger,1892)** (Noctuidae) Synonym(s): *melanochroa Staudinger,1892*
912. **Hadena (s.str.(Hadenobilis)) tristis (Draudt,1934)** (Noctuidae) Synonym(s): *tristis Draudt,1934*
913. **Hadena (s.str.(Hadenobilis)) vulcanica (Turati,1907)** (Noctuidae) Synonym(s): *vulcanica Turati,1907*
914. **Hadena (s.str.(Luteocincta)) femina Hacker,1996** (Noctuidae) Synonym(s): *femina Hacker,1996*
915. **Hadena (s.str.(Luteocincta)) lucida (Brandt,1938)** (Noctuidae) Synonym(s): *lucida Brandt,1938*
916. **Hadena (s.str.(Luteocincta)) persimilis Hacker,1996** (Noctuidae) Synonym(s): *persimilis Hacker,1996*
917. **Hadena (s.str.(Luteocincta)) thecaphaga (Draudt,1937)** (Noctuidae) Synonym(s): *thecaphaga Draudt,1937*
918. **Hadena (s.str.(Luteocincta)) wehrlii (Draudt,1934)** (Noctuidae) Synonym(s): *wehrlii Draudt,1934*
919. **Hadena (s.str.(Magnolihadena)) magnolii (Boisduval,1828)** (Noctuidae) Synonym(s): *magnolii Boisduval,1828; nummosa Eversmann,1844.*
920. **Hadena (s.str.(Miselia)) compta ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *compta [Denis & Schiffermüller],1775; viscaria Guenée,1852; galactina Turati,1908.*
921. **Hadena (s.str.(Montanohadena)) fibigeri Hacker,1996** (Noctuidae) Synonym(s): *fibigeri Hacker,1996*
922. **Hadena (s.str.(Montanohadena)) praetermissa Hacker,1996** (Noctuidae) Synonym(s): *praetermissa Hacker,1996*
923. **Hadena (s.str.(Montanohadena)) pseudohyrcana De Freina & Hacker,1985** (Noctuidae) Synonym(s): *pseudohyrcana De Freina & Hacker,1985.*
924. **Hadena (s.str.(Montanohadena)) purpurea Hacker,1996** (Noctuidae) Synonym(s): *purpurea Hacker,1996*
925. **Hadena (s.str.(Montanohadena)) virescens Hacker,1996** (Noctuidae) Synonym(s): *virescens Hacker,1996*
926. **Hadena (s.str.(Zeteolyga)) confusa (Hufnagel,1766)** (Noctuidae) Synonym(s): *confusa Hufnagel,1766; conspersa [Denis & Schiffermüller],1775; nana Rottemburg,1776 nec Hufnagel,1766; annulata Fabricius,1781; x-scriptum Sowerby,1806; fasciata Tutt,1902; suffusa Tutt,1902; intermedia Tutt,1902.*
927. **Hadula (Calocestra (Hadufurca)) colletti (Schneider,1876)** (Noctuidae) Synonym(s): *colletti Schneider,1876*
928. **Hadula (Calocestra (Hadumendax)) mendax (Staudinger,1879)** (Noctuidae) Synonym(s): *mendax Staudinger,1879*
929. **Hadula (Calocestra (Hadumendax)) mendica (Staudinger,[1895])** (Noctuidae) Synonym(s): *mendica Staudinger,[1895].*
930. **Hadula (Calocestra (Hadupugnax)) latemarginata (Wiltshire,1976)** (Noctuidae) Synonym(s): *latemarginata Wiltshire,1976; baksana Schintlmeister & Poltawski,1986.*
931. **Hadula (Calocestra (Hadupugnax)) odontites (Boisduval,1829)** (Noctuidae) Synonym(s): *odontites Boisduval,1829; microdon Guenée,1852; dalmatina Schwingenschuss,1926; asturica Agenjo,1941.*
932. **Hadula (Calocestra (Hadutrifolium)) trifolii (Hufnagel,1766)** (Noctuidae) Synonym(s): *trifolii Hufnagel,1766; chenopodii [Denis & Schiffermüller],1775; verna Esper,[1787]; saucia Esper,[1790]; infraina Haworth,1809; contribulis Duponchel,1827; farkasii Treitschke,1835; inquieta Walker,1857; albifusa Walker,1857; cinnamomina Rothschild,1913; taylori Rothschild,1921*
933. **Haemerusia renalis (Hübner,[1813])** (Noctuidae) Synonym(s): *renalis Hübner,[1813]*
934. **Hecatera bicolorata (Hufnagel,1766)** (Noctuidae) Synonym(s): *bicolorata Hufnagel,1766; serena [Denis & Schiffermüller],1775; placida Esper,[1791]; hieracii Bkh.,1793; par Donovan,1801; monticola Dup.,1826; leuconota Eversmann,1837; intermedia Walker,[1858]; obscura Staudinger,1861.*
935. **Hecatera cappa (Hübner,[1809])** (Noctuidae) Synonym(s): *cappa Hübner,[1809]*



936. **Hecatera rhodocharis (Brandt,1938)** (Noctuidae) Synonym(s): *rhodocharis* Brandt,1938
937. **Hecatera spinaciae (Vieweg,1790)** (Noctuidae) Synonym(s): *#dysodea* [Denis & Schiffermüller],1775; *spinaciae* Vieweg,1790; *ornata* De Villers,1789; *chrysozona* Borkhausen,1792; *ranunculina* Haworth,1809; *caduca* Herrich-Schäffer,[1851]; *innocens* Staudinger,1871; *subflava* W. Warren,1910.
938. **Helicoverpa armigera (Hübner,[1808])** (Noctuidae) Synonym(s): *obsoleta* auct. nec Fabr.,1775; *barbara* Fabricius,1794 [rejected]; *armigera* Hübner,[1808]; *pulverosa* Walker,[1857]; *uniformis* Wallengren,1860; *rama* Bhattacharjee & Gupta,1972.
939. **Heliophobus reticulata (Goeze,1781)** (Noctuidae) Synonym(s): *calcatrippae* Vieweg,1790; *saponariae* Borkhausen,1792; *marginosa* Haworth,1809; *hibernica* Cockayne,1944.
940. **Heliophobus unicolor (Alpheraky,1889)** (Noctuidae) Synonym(s): *unicolor* Alpheraky,1889
941. **Heliothis nubigera Herrich-Schäffer,[1851]** (Noctuidae) Synonym(s): *nubigera* Herrich-Schäffer,[1851]; *perigeoides* Moore,1881; *deserta* Sohn-Rethel,1929; *minutier* Thurner,1938.
942. **Heliothis peltigera ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *peltigera* [Denis & Schiffermüller],1775; *alpheia* Cramer,1780; *florentina* Esper,[1788]; *charmione* Stoll,1790; *straminea* Donovan,1793; *insulata* Navas,1924.
943. **Heliothis viriplaca (Hufnagel,1766)** (Noctuidae) Synonym(s): *viriplaca* Hufnagel,1766; *dipsacea* Linnaeus,1767; *spargulariae* Lederer,1857; *#dispaceus* Alpheraky,1882; *salamantina* Fernald,1928.
944. **Heptapotamia eustratii Alpheraky,1882** (Noctuidae) Synonym(s): *eustratii* Alpheraky,1882
945. **Heterophysa dumetorum (Geyer,1834)** (Noctuidae) Synonym(s): *dumetorum* Geyer,1834
946. **Hoplodrina ambigua ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *ambigua* [Denis & Schiffermüller],1775; *plantaginis* Hübner,[1813]; *uniformis* Swinhoe,1885
947. **Hoplodrina blanda ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *blanda* [Denis & Schiffermüller],1775; *redacta* Haworth,1809; *taraxaci* Hübner,[1813].
948. **Hoplodrina levis (Staudinger,1888)** (Noctuidae) Synonym(s): *levis* Staudinger,1888
949. **Hoplodrina octogenaria (Goeze,1781)** (Noctuidae) Synonym(s): *octogenaria* Goeze,1781; *alsines* Brahm,1791; *sordida* Haworth,1809 nec Hübner,[1803]
950. **Hoplodrina pfeifferi (Boursin,1932)** (Noctuidae) Synonym(s): *pfeifferi* Boursin,1932.
951. **Hoplodrina respersa ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *respersa* [Denis & Schiffermüller],1775; *margaritacea* Borkhausen,1792 nec Vill.,1789
952. **Hypena munitalis Mann,1861** (Noctuidae) Synonym(s): *munitalis* Mann,1861.
953. **Hypena obesalis Treitschke,1829** (Noctuidae) Synonym(s): *obesalis* Treitschke,1829
954. **Iranada tarachoides (Bytinski-Salz & Brandt,1937)** (Noctuidae) Synonym(s): *tarachoides* Bytinski-Salz & Brandt,1937
955. **Jodia croceago (Fabricius,1787)** (Noctuidae) Synonym(s): *#croceago* [Denis & Schiffermüller],1775; *croceago* Fabricius,1787; *aurantiagio* Donovan,1796; *corsica* Mabilie,1868
956. **Lacanobia (Dianobia) thalassina (Hufnagel,1766)** (Noctuidae) Synonym(s): *thalassina* Hufnagel,1766; *humeralis* Haworth,1809; *achates* Hübner,[1813].
957. **Lacanobia (Diataraxia) oleracea (Linnaeus,1758)** (Noctuidae) Synonym(s): *oleracea* Linnaeus,1758; *spinaciae* Borkhausen,1792; *variegata* Austaut,1885; *essoni* Hampson,1909; *albolineata* Matsumura,1926; *#pallida* Bytinski-Salz & Brandt,1937
958. **Lacanobia (s.str.) w-latinum (Hufnagel,1766)** (Noctuidae) Synonym(s): *w-latinum* Hufnagel,1766; *genistae* Borkhausen,1792; *dives* Donovan,1801; *umbrosa* Bytinski-Salz & Brandt,1937; *diniensis* Heinrich,1938; *caerulescens* Schwingenschuss,1962.
959. **Lamprosticta culta ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *#cultata* [Denis & Schiffermüller],1775
960. **Lasionycta draudti (F.Wagner,1936)** (Noctuidae) Synonym(s): *draudti* F.Wagner,1936
961. **Ledereragrotis multifida (Lederer,1870)** (Noctuidae) Synonym(s): *multifida* Lederer,1870; *sanctimoritzii* A.Bang-Haas,1906
962. **Leucania loreyi (Duponchel,1827)** (Noctuidae) Synonym(s): *loreyi* Duponchel,1827; *caricis* Walker,1856; *collecta* Walker,1856; *curcula* Walker,1856; *denotata* Walker,1856; *designata* Walker,1856; *exterior* Walker,1856; *thoracica* Walker,1856.
963. **Leucania punctosa (Treitschke,1825)** (Noctuidae) Synonym(s): *punctosa* Treitschke,1825
964. **Leucochlaena muscosa (Staudinger,1892)** (Noctuidae) Synonym(s): *muscosa* Staudinger,1892; *hirsutus* Staudinger,1892
965. **Lithophane ledereri (Staudinger,1892)** (Noctuidae) Synonym(s): *ledereri* Staudinger,1892; *discors* Staudinger,1892
966. **Lithophane ornitopus (Hufnagel,1766)** (Noctuidae) Synonym(s): *ornitopus* Hufnagel,1766; *rhizolitha* [Denis & Schiffermüller],1775; *pitzalisi* Hartig,1976
967. **Luperina diversa (Staudinger,1892)** (Noctuidae) Synonym(s): *diversa* Staudinger,1892; *indistincta* Rebel,1933
968. **Luperina koshantschikovi (Püngeler,1914)** (Noctuidae) Synonym(s): *koshantschikovi* Püngeler,1914
969. **Luperina rjabovi (Kljutschko,1967)** (Noctuidae) Synonym(s): *rjabovi* Kljutschko,1967
970. **Luperina rubella (Duponchel,1835)** (Noctuidae) Synonym(s): *mediosignata* Turati,1930; *sericea* Caradja,1932; *thurneri* Schawerda,1938.
971. **Lycophorus ankarensis (Rebel,1931)** (Noctuidae) Synonym(s): *ankarensis* Rebel,1931; *wichgrafi* Corti & Draudt,1933; *#ankariensis* Hacker,2001
972. **Lygephila craccae (Fabricius,1787)** (Noctuidae) Synonym(s): *#craccae* [Denis & Schiffermüller],1775; *craccae* Fabricius,1787; *nigricollis* Villers,1789; *riata* Rungs,1952; *caliginosa* Schawerda,1931; *herreraei* Yela,1990; *#craccae* Hacker & Kautt,1999.

973. **Lygephila ludicra** (Hübner,1790) (Noctuidae) Synonym(s): *ludicra* Hübner,1790
974. **Lygephila lusoria** (Linnaeus,1758) (Noctuidae) Synonym(s): *lusoria* Linnaeus,1758; *orobi* Duponchel,1821; *lathyri* Boisduval,[1828]
975. **Lygephila pallida** (A.Bang-Haas,1907) (Noctuidae) Synonym(s): *pallida* A.Bang-Haas,1907
976. **Lygephila pastinum** (Treitschke,1826) (Noctuidae) Synonym(s): *pastinum* Treitschke,1826; *astragali* Herrich-Schäffer,1851; *dilutior* Staudinger,1892.
977. **Margelana flavidior** Wagner,1831 (Noctuidae) Synonym(s): *flavidior* Wagner,1831
978. **Megalodes eximia** (Freyer,1845) (Noctuidae) Synonym(s): *eximia* Freyer,1845
979. **Meganola togatulalis** (Hübner,1796) (Noctuidae) Synonym(s): *togatulalis* Hübner,1796; *togatulana* Duponchel,1845
980. **Melanchra pisi** (Linnaeus,1758) (Noctuidae) Synonym(s): *pisi* Linnaeus,1758; *rukavaarae* Hoffmann,1893; *pardoi* Agenjo,1945.
981. **Mesapamea (s.str.) didyma** (Esper,[1788]) (Noctuidae) Synonym(s): *didyma* Esper,[1788]; *secalella* Remm,1983.
982. **Mesogona acetosellae** (Goeze,1781) (Noctuidae) Synonym(s): *#acetosellae* [Denis & Schiffermüller],1775; *acetosellae* Goeze,1781; *vorbrodti* Wehrli,1917; *grisea* Dannehl,1929; *pallida* Dannehl,1929; *segoviensis* Calle,1982; *#clarescens* Calle,1982
983. **Mesoligia furuncula** ([Denis & Schiffermüller],1775) (Noctuidae) Synonym(s): *furuncula* [Denis & Schiffermüller],1775; *spoliaticula* [Denis & Schiffermüller],1775; *bicoloria* Villers,1789; *vinctuncula* Hübner,[1803]; *humeralis* Haworth,1809; *terminalis* Haworth,1809; *rufuncula* Haworth,1809
984. **Mesoligia literosa** (Haworth,[1809]) (Noctuidae) Synonym(s): *literosa* Haworth,[1809]; *erratricula* Hübner,[1813]; *faroulti* Rothschild,1914; *powelli* Oberthür,1918
985. **Metachrostis dardouini** (Boisduval,1840) (Noctuidae) Synonym(s): *dardouini* Boisduval,1840; *velox* Treitschke nec Hbn.,[1813]; *mendacula* Freyer,1841; *dilutior* Schwingenschuss,1926
986. **Metalopha (Antholopha) gloriosa** (Staudinger,1892) (Noctuidae) Synonym(s): *gloriosa* Staudinger,1892; *#intradeleta* Osthelder,1933; *#extradeleta* Osthelder,1933; *#grisea* Osthelder,1933.
987. **Metopoplus boursini** Brandt,1938 (Noctuidae) Synonym(s): *boursini* Brandt,1938
988. **Metopoplus excelsa** (Christoph,1885) (Noctuidae) Synonym(s): *excelsa* Christoph,1885
989. **Minucia bimaculata** Osthelder,1933 (Noctuidae) Synonym(s): *bimaculata* Osthelder,1933
990. **Mythimna (Aletia) l-album** (Linnaeus,1767) (Noctuidae) Synonym(s): *l-album* Linnaeus,1767; *penicillata* Moore,1881
991. **Mythimna (Aletia) sassanidica** (Hacker,1986) (Noctuidae) Synonym(s): *sassanidica* Hacker,1986
992. **Mythimna (Aletia) sicula** (Treitschke,1835) (Noctuidae) Synonym(s): *sicula* Treitschke,1835; *albivena* Graslin,1852.
993. **Mythimna (Aletia) vitellina** (Hübner,[1808]) (Noctuidae) Synonym(s): *vitellina* Hübner,[1808]; *#vitellena* Lederer,1870; *decolorata* Dannehl,1929; *saturation* Dannehl,1929; *grisescens* Dannehl,1929.
994. **Mythimna (Hyphilare) albipuncta** (Fabricius,1787) (Noctuidae) Synonym(s): *#albipuncta* [Denis & Schiffermüller],1775; *albipuncta* (Fabricius,1787; *rufotincta* Wagner,1921.
995. **Mythimna (Hyphilare) ferrago** (Fabricius,1787) (Noctuidae) Synonym(s): *ferrago* Fabricius,1787; *lithargyria* Esper,[1788]; *grisea* Stephens,1829; *anargyria* Boisduval,1840; *argyristis* Rambur,1858; *meridionalis* Dannehl,1926
996. **Mythimna (Pseudaletia) unipuncta** (Haworth,[1809]) (Noctuidae) Synonym(s): *unipuncta* Haworth,[1809]; *extranea* Guenée,1852; *antica* Walker,1856; *tseki* Koutsaftikis,1974.
997. **Nezonyma obtusa** Varga & Ronkay,1991 (Noctuidae) Synonym(s): *obtusa* Varga & Ronkay,1991
998. **Nezonyma pusilla** (Püngeler,1900) (Noctuidae) Synonym(s): *pusilla* Püngeler,1900
999. **Noctua (Divaena) haywardi** (Tams,1926) (Noctuidae) Synonym(s): *haywardi* Tams,1926; *balcanica* Slivov,1985
1000. **Noctua (Lampra) fimbriata** (Schreber,1759) (Noctuidae) Synonym(s): *fimbriata* Schreber,1759; *domiduca* Hufnagel,1766; *fimbria* Linnaeus,1767; *solani* Fabricius,1787.
1001. **Noctua (Latanoctua) orbona** (Hufnagel,1766) (Noctuidae) Synonym(s): *orbona* Hufnagel,1766; *subsequa* [Denis & Schiffermüller],1775; *caroni* Lempke,1964.
1002. **Noctua (Paranoctua) comes** (Hübner,[1813]) (Noctuidae) Synonym(s): *orbona* Fabricius,1787 *nec* Hufn.,1767; *comes* Hübner,[1813]; *adsequa* Treitschke,1825; *prosequa* Treitschke,1825; *bergensis* Sp.-Schn.,1901.
1003. **Noctua (Paranoctua) interposita** (Hübner,1790) (Noctuidae) Synonym(s): *interposita* Hübner,1790; *consequa* Hübner,[1803]; *sarmata* Rambur,1871; *nigra* Pieszczyk,1908; *baraudi* Boursin,1963; *lajonquierrei* Boursin,1963; *terraccotta* Boursin,1963
1004. **Noctua (s.str.) pronuba** (Linnaeus,1758) (Noctuidae) Synonym(s): *pronuba* Linnaeus,1758; *connuba* Hübner,[1822]; *innuba* Treitschke,1825; *hoegei* Herrich-Schäffer,1861; *nigra* Krausse,1912 *nec* Piesz.,1908; *decolorata* Turati,1923.
1005. **Nycteola asiatica** (Krulikovsky,1904) (Noctuidae) Synonym(s): *asiatica* Krulikovsky,1904; *populana* Patočka,1953; *hungarica* Kovacs,1954.
1006. **Nycteola eremostola** Dufay,1961 (Noctuidae) Synonym(s): *eremostola* Dufay,1961
1007. **Nycteola siculana** (Fuchs,1899) (Noctuidae) Synonym(s): *siculana* Fuchs,1899; *cuneana* Patočka,1953; *pseudodilutana* Obratzov,1954.
1008. **Ochropleura leucogaster** (Freyer,1831) (Noctuidae) Synonym(s): *leucogaster* Freyer,1831
1009. **Ochropleura plecta** (Linnaeus,1761) (Noctuidae) Synonym(s): *plecta* Linnaeus,1761; *unimacula* Staudinger,1859; *anderssoni* Lampa,1885; *glaucimacula* Graeser,[1889]; *unupplecta* Bryk,1942.
1010. **Odice arcuinna** (Hübner,1790) (Noctuidae) Synonym(s): *arcuinna* Hübner,1790; *inamoena* Hübner,[1803].

1011. **Odice suava (Hübner,[1813])** (Noctuidae) Synonym(s): *suava* Hübner,[1813].
1012. **Oligia latruncula ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *latruncula* [Denis & Schiffermüller],1775
1013. **Oligia turcia Rezbanyai-Reser,1997** (Noctuidae) Synonym(s): *turcia* Rezbanyai-Reser,1997
1014. **Omphalophana anatolica (Lederer,1857)** (Noctuidae) Synonym(s): *anatolica* Lederer,1857
1015. **Omphalophana antirrhinii (Hübner,[1803])** (Noctuidae) Synonym(s): *antirrhinii* Hübner,[1803]
1016. **Oncocnemis confusa (Freyer,[1839])** (Noctuidae) Synonym(s): *confusa* Freyer,[1839].
1017. **Oncocnemis exacta Christoph,1887** (Noctuidae) Synonym(s): *exacta* Christoph,1887; *iranica* Schwingenschuss,1937
1018. **Oncocnemis fuscipicta Wiltshire,1976** (Noctuidae) Synonym(s): *fuscipicta* Wiltshire,1976
1019. **Oncocnemis strioligera Lederer,1853** (Noctuidae) Synonym(s): *strioligera* Lederer,1853
1020. **Ophiusa lunaris (Goeze,1781)** (Noctuidae) Synonym(s): *#lunaris* [Denis & Schiffermüller],1775; *lunaris* Goeze,1781; *undosa* Goeze,1781; *ventrilabris* Fabricius,1787; *tarsiplumalis* Hübner,1796; *chosensis* Bryk,1949.
1021. **Opigena polygona (Fabricius,1787)** (Noctuidae) Synonym(s): *#polygona* [Denis & Schiffermüller],1775; *polygona* Fabricius,1787; *nigrofulva* Esper,[1788]; *pyramis* Borkhausen,1792.
1022. **Orthosia (Monima) cerasi (Fabricius,1775)** (Noctuidae) Synonym(s): *cerasi* Fabricius,1775; *stabilis* [Denis & Schiffermüller],1775; *obliqua* de Villers,1789; *junctus* Haworth,1803; *pallida* Haworth,1809; *rufannulata* Haworth,1809.
1023. **Orthosia (s.str.) incerta (Hufnagel,1766)** (Noctuidae) Synonym(s): *incerta* Hufnagel,1766; *instabilis* [Denis & Schiffermüller],1775; *collinita* Esper,[1790]; *contracta* Esper,[1790]; *trigutta* Esper,[1790]; *nebulosus* Haworth,1803; *subsetaceus* Haworth,1803; *angustus* Haworth,1803; *fuscatus* Haworth,1803; *pallida* Lampa,1885 nec Hw.,1809; *pallidior* Staudinger,1901 nec Stgr.,1888
1024. **Orthosia rubricosa (Esper,[1786])** (Noctuidae) Synonym(s): *#miniosa* [Denis & Schiffermüller],1775; *rubricosa* Esper, [1786].
1025. **Ozarba lascivalis (Lederer,1855)** (Noctuidae) Synonym(s): *lascivalis* Lederer,1855
1026. **Ozarba moldavicola (Herrich-Schäffer,[1851])** (Noctuidae) Synonym(s): *moldavicola* Herrich-Schäffer,[1851]; *euboica* Mill.,1874
1027. **Parallelia algira (Linnaeus,1767)** (Noctuidae) Synonym(s): *algira* Linnaeus,1767; *achatina* Sulzer,1776; *alterna* Villers,1789; *triangularis* Hübner,[1803] nec Thunb.,1784; *albivitta* Guenée,1852; *festina* Walker,1858; *olympia* Swinhoe,1885; *europa* Schawerda,1912
1028. **Parexarnis taurica (Staudinger,1879)** (Noctuidae) Synonym(s): *taurica* Staudinger,1879; *pseudosollers* Boursin,1940.
1029. **Perigrapha (Opacographa (s.str.)) cilissa Püngeler,1917** (Noctuidae) Synonym(s): *cilissa* Püngeler,1917
1030. **Periphanes delphini (Linnaeus,1758)** (Noctuidae) Synonym(s): *delphini* Linnaeus,1758; *darollesi* Oberthür,1876; *delphini* Hampson,1903.
1031. **Periphanes victorina (Sodoffsky,1849)** (Noctuidae) Synonym(s): *victorina* Sodoffsky,1849
1032. **Phlogophora meticulosa (Linnaeus,1758)** (Noctuidae) Synonym(s): *meticulosa* Linnaeus,1758; *lamii* Schadevald,1993
1033. **Phytometra viridaria (Clerck,1759)** (Noctuidae) Synonym(s): *#viridaria* Clerck,1759; *purpurata* Linnaeus,1761; *lanceata* Scopoli,1763; *aenea* [Denis & Schiffermüller],1775; *olivacea* Vieweg,1790; *latruncula* Esper,[1791]; *hoffmanni*, Stauder,1915; *latalgira* Schawerda,1924
1034. **Plecoptera inquinata (Lederer,1857)** (Noctuidae) Synonym(s): *inquinata* Lederer,1857; *pyrami* Rogenhofer,1873; *amanica* Osthelder,1933
1035. **Plusia festucae (Linnaeus,1758)** (Noctuidae) Synonym(s): *festucae* Linnaeus,1758; *aureoargentea* Retzius,1783; *yokohamensis* Bryk,1949; *japonibia* Bryk,1949
1036. **Plusidia cheiranthi (Tauscher,1809)** (Noctuidae) Synonym(s): *cheiranthi* Tauscher,1809; *eygenia* Eversmann,1841; *abrostoloides* Butler,1879; *separanda* W.Warren,1913.
1037. **Polia sagittigera (Hufnagel,1766)** (Noctuidae) Synonym(s): *sagittigera* Hufnagel,1766; *leucophaea* [Denis & Schiffermüller],1775; *fulminea* Fabricius,1781; *vestigialis* Esper,[1785]; *ravida* Esper,[1789]; *pyrenaica* Oberthür,1884; *incana* Millière,1885.
1038. **Polia serratilinea Ochsenheimer,1816** (Noctuidae) Synonym(s): *serratilinea* Ochsenheimer,1816; *helvetica* Schawerda,1925; *kowatschevi* Drenowski,1931; *pinkeri* Varga,1974.
1039. **Polymixis (Brandticola) dubiosa (Brandt,1938)** (Noctuidae) Synonym(s): *dubiosa* Brandt,1938
1040. **Polymixis (Myxinia) chrysographa (F.Wagner,1931)** (Noctuidae) Synonym(s): *chrysographa* F.Wagner,1931
1041. **Polymixis (Parabrachionycha) trisignata (Ménétriés,1847)** (Noctuidae) Synonym(s): *trisignata* Ménétriés,1847; *leuconota* Herrich-Schäffer,[1850]; *nasamonius* Turati,1924
1042. **Polymixis crinomima (Wiltshire,1946)** (Noctuidae) Synonym(s): *crinomima* Wiltshire,1946
1043. **Polyphaenis monophaenis Brandt,1938** (Noctuidae) Synonym(s): *monophaenis* Brandt,1938; *#unicoloris* Brandt,1938.
1044. **Powellinia carthalina (Christoph,1893)** (Noctuidae) Synonym(s): *carthalina* Christoph,1893
1045. **Protexarnis confinis (Staudinger,1881)** (Noctuidae) Synonym(s): *confinis* Staudinger,1881; *aucta* Alpheraky,1892; *barbara* Corti & Draudt,1933; *suspiciax* Corti & Draudt,1933; *velifera* Corti & Draudt,1933; *anthracina* Boursin,1964.
1046. **Pseudenargia deleta (Osthelder,1933)** (Noctuidae) Synonym(s): *deleta* Osthelder,1933; *#badiofasciata* Draudt,1936; *basilissa* Brandt,1938.
1047. **Pseudenargia regina (Staudinger,1892)** (Noctuidae) Synonym(s): *regina* Staudinger,1892
1048. **Pyrrhia treitschkii (Frivaldszky,1835)** (Noctuidae) Synonym(s): *treitschkii* Frivaldszky,1835.
1049. **Recophora beata (Staudinger,1892)** (Noctuidae) Synonym(s): *beata* Staudinger,1892



- 1050. Rhizedra lutosa (Hübner,[1803])** (Noctuidae) Synonym(s): *lutosa* Hübner,[1803]
- 1051. Rhyacia (Epipsilia) cervantes (Reisser,1935)** (Noctuidae) Synonym(s): *cervantes* Reisser,1935; *#gyulaipetri* Varga,1975
- 1052. Rhyacia (Epipsilia) latens (Hübner,[1809])** (Noctuidae) Synonym(s): *latens* Hübner,[1809]; *murina* Freyer,1842; *latitans* Guenée,1852; *apennina* Sohn-Rethel,1929.
- 1053. Rhyacia (s.str.) helvetina (Boisduval,1833)** (Noctuidae) Synonym(s): *helvetina* Boisduval,1833; *livia* Freyer,1836
- 1054. Rhyacia (s.str.) lucipeta ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *lucipeta* [Denis & Schiffermüller],1775.
- 1055. Rhyacia (s.str.) nyctimerides (O.Bang-Haas,1922)** (Noctuidae) Synonym(s): *nyctimerides* O.Bang-Haas,1922; *stavroitiacus* Tuleschhoff,1951; *alagesica* Boursin,1962; *#nyctomerides* Hacker,[1987]
- 1056. Rhyagla lacernaria (Hübner,[1813])** (Noctuidae) Synonym(s): *lacernaria* Hübner,[1813]; *glarea* Treitschke,1826; *cretula* Freyer,1842
- 1057. Scoliopteryx libatrix (Linnaeus,1758)** (Noctuidae) Synonym(s): *libatrix* Linnaeus,1758; *salictaria* Poda,1761; *modesta* Müller,1764; *delicatula* Retzius,1783; *libatricus* Haworth,1809
- 1058. Sideridis (Aneda) rivularis (Fabricius,1775)** (Noctuidae) Synonym(s): *rivularis* Fabricius,1775; *cucubali* [Denis & Schiffermüller],1775; *rivosa* Ström,1783; *behenis* Freyer,1845.
- 1059. Sideridis (Conisania) capsivora (Draudt,1933)** (Noctuidae) Synonym(s): *capsivora* Draudt,1933
- 1060. Sideridis (Luteohadena) luteago ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *luteago* [Denis & Schiffermüller],1775; *brunneago* Esper,[1804]; *nigrescens* Wagner,1926 (praeocc.); *ottomana* Koçak,1990.
- 1061. Sideridis (s.str.) turbida (Esper,[1790])** (Noctuidae) Synonym(s): *turbida* Esper,[1790]; *albicolon* Hübner,[1813]
- 1062. Simyra dentinosa Freyer,1839** (Noctuidae) Synonym(s): *dentinosa* Freyer,1839; *leucaspis* Fischer v. Waldheim,1840; *zeliha* Kornosor & Lödl,1990
- 1063. Spaelotis demavendi (F.Wagner,1937)** (Noctuidae) Synonym(s): *demavendi* F.Wagner,1937
- 1064. Spaelotis ravida ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *ravida* [Denis & Schiffermüller],1775; *austera* Esper,[1789]; *obducta* Esper,[1789]; *bigramma* Esper,[1790]; *obscura* Brahm,1791 nec Cramer,1780; *salva* Corti & Draudt,1933.
- 1065. Spaelotis senna (Freyer,1829)** (Noctuidae) Synonym(s): *senna* Freyer,1829; *senna* Geyer,[1832] nec Frr.,1829; *germanica* Spuler,1905; *violetta* Schawerda,1934
- 1066. Spodoptera exiguum (Hübner,[1808])** (Noctuidae) Synonym(s): *exigua* Hübner,[1808]; *fulgens* Geyer,[1832]; *pygmaea* Rambur,1834; *junceti* Zeller,1847; *caradrinoides* Walker,1856; *flavimaculata* Harvey,1876; *venosa* Butler,1880; *sebghana* Austaut,1880; *antipodea* W.Warren,1914; *protector* De Laever,1985.
- 1067. Standfussiana lucerneae (Linnaeus,1758)** (Noctuidae) Synonym(s): *lucernea* Linnaeus,1758
- 1068. Standfussiana nictymera (Boisduval,[1837])** (Noctuidae) Synonym(s): *nictymera* Boisduval,[1837]; *carriei* Boursin,1948.
- 1069. Tholera cespitis (Goeze,1781)** (Noctuidae) Synonym(s): *#cespitis* [Denis & Schiffermüller],1775; *cespitis* Goeze,1781; *hordei* Schrank,1801; *autumnalis* Curtis,1827; *confinis* Stephens,1829; *desylessi* Boisduval,1840; *chloris* Milliere,1883; *decolor* Sohn,1896.
- 1070. Tholera decimalis (Poda,1761)** (Noctuidae) Synonym(s): *decimalis* Poda,1761; *popularis* Fabricius,1775; *lolii* Esper,[1785]; *typicoides* Donovan,1811; *nervosa* Zerny,1927; *chebka* Rungs,1940
- 1071. Thria robusta Walker,[1858]** (Noctuidae) Synonym(s): *anyssa* auct.; *robusta* Walker,[1858]; *fugitiva* Walker,[1858]; *opposita* Wallengren,1865; *sennaarensis* R.Felder & Rogenhofer,1874; *grandis* Staudinger,1877; *terrigena* Christoph,1877; *similata* Moore,1883; *distincta* Rothschild,1920; *asiria* Wiltshire,1988; *omana* Wiltshire,1988; *sokotrana* Wiltshire,1988
- 1072. Trichoplusia ni (Hübner,[1803])** (Noctuidae) Synonym(s): *ni* Hübner,[1803]; *humilis* Walker,1858; *extrahens* Walker,1858; *brassicae* Riley,1870; *echinocystidis* Strecker,1874.
- 1073. Tyta luctuosa ([Denis & Schiffermüller],1775)** (Noctuidae) Synonym(s): *luctuosa* [Denis & Schiffermüller],1775; *italica* Fabricius,1781; *atra* Goeze,1781 nec Linn.,1767; *astroites* Fourcroy,1785; *maculosa* Villers,1789
- 1074. Ulochlaua hirta (Hübner,[1813])** (Noctuidae) Synonym(s): *hirta* Hübner,[1813]
- 1075. Valeria kartalea Kuhna & Schmitz,1997** (Noctuidae) Synonym(s): *kartalea* Kuhna & Schmitz,1997
- 1076. Valeria oleagina (Esper,[1786])** (Noctuidae) Synonym(s): *#oleagina* [Denis & Schiffermüller],1775; *oleagina* Esper,[1786].
- 1077. Valerietta boursini De Freina & Hacker,1985** (Noctuidae) Synonym(s): *boursini* De Freina & Hacker,1985
- 1078. Victrix (Rasihia) boursini (Draudt,1936)** (Noctuidae) Synonym(s): *boursini* Draudt,1936
- 1079. Victrix (Rasihia) hackeri Varga & Ronkay,1991** (Noctuidae) Synonym(s): *hackeri* Varga & Ronkay,1991
- 1080. Victrix (Rasihia) tabora (Staudinger,1892)** (Noctuidae) Synonym(s): *tabora* Staudinger,1892
- 1081. Victrix (s.str.) artaxias Varga & Ronkay,1989** (Noctuidae) Synonym(s): *artaxias* Varga & Ronkay,1989
- 1082. Victrix sp.** (Noctuidae) Synonym(s):
- 1083. Xenophysa huberi Varga,1989** (Noctuidae) Synonym(s): *huberi* Varga,1989
- 1084. Xenophysa junctimacula (Christoph,1887)** (Noctuidae) Synonym(s): *junctimacula* Christoph,1887; *cacumena* Brandt,1938.
- 1085. Xestia (Megasema) c-nigrum (Linnaeus,1758)** (Noctuidae) Synonym(s): *c-nigrum* Linnaeus,1758; *nunatrum* Esper,[1786]; *singularis* Esper,[1786]; *degenerata* Staudinger,1889; *depravata* A.Bang-Haas,1912; *kurilana* Bryk,1942; *ignorata* Eitschberger,1972.

- 1086. Xestia (s.str.) ochreago (Hübner,[1809])** (Noctuidae) Synonym(s): *ochreago* Hübner,[1809]; *ochrojois* Hbn.,[1821]; *habichi* Rebel,1909.
- 1087. Xestia (s.str.) sareptana (Herrich-Schäffer,[1851])** (Noctuidae) Synonym(s): *sareptana* Herrich-Schäffer,[1851]; *iobaphes* Boursin,1936
- 1088. Xylena exsoleta (Linnaeus,1758)** (Noctuidae) Synonym(s): *exsoleta* Linnaeus,1758; *exoleta* Fabricius,1787
- 1089. Xylena lunifera W.Warren,1910** (Noctuidae) Synonym(s): *lunifera* W.Warren,1910; *#lunigera* W.Warren,1910
- 1090. Xylocampa mustapha (Oberthür,1920)** (Noctuidae) Synonym(s): *mustapha* Oberthür,1920
- 1091. Zekelita (Ravalita) ravalis (Herrich-Schäffer,[1852])** (Noctuidae) Synonym(s): *ravalis* Herrich-Schäffer,[1852]; *revolutalis* Zeller,1852; *eremialis* Swinhoe,1889 *nec* Walk.,1859; *centralis* Staudinger,1892; *syriacalis* Staudinger,1892; *extorris* W.Warren,1913; *#pallida* Schawerda,1929; *#transcaspica* Brandt,1941.
- 1092. Zekelita (Rhynchodontodes) antiqualis (Hübner,[1809])** (Noctuidae) Synonym(s): *antiqualis* Hübner,[1809]; *anatolica* Wagner,1931; *#antiquilis* Zukowsky,1941
- 1093. Zethes brandti Janzon,1977** (Noctuidae) Synonym(s): *nemea* Brandt,1938 (p.p.); *nemea sensu* Koçak,1977; *brandti* Janzon,1977.
- 1094. Zethes narghisa Brandt,1938** (Noctuidae) Synonym(s): *narghisa* Brandt,1938
- 1095. Cerura (s.str.) vinula (Linnaeus,1758)** (Notodontidae) Synonym(s): *vinula* Linnaeus,1758; *minax* Hübner,[1803]; *teberdina* Kornejev,1939
- 1096. Clostera curtula (Linnaeus,1758)** (Notodontidae) Synonym(s): *curtula* Linnaeus,1758; *albicaudaalba* Retzius,1783
- 1097. Clostera pigra (Hufnagel,1766)** (Notodontidae) Synonym(s): *pigra* Hufnagel,1766; *reclusa* [Denis & Schiffermüller],1775; *alticaudafurcata* Retzius,1783; *suffusa* Stephens,1835; *superior* Rangnow,1935; *#flavidior* Bytinski-Salz,1936
- 1098. Drymonia ruficornis (Hufnagel,1766)** (Notodontidae) Synonym(s): *ruficornis* Hufnagel,1766; *confusa* Hufnagel,1767; *chaonia* [Denis & Schiffermüller],1775; *roboris* Fabricius,1777; *ilicis* Fabricius,1793; *roboreus* Haworth,1803; *querneus* Haworth,1803
- 1099. Drymonia velitaris (Hufnagel,1766)** (Notodontidae) Synonym(s): *velitaris* Hufnagel,1766; *austera* [Denis & Schiffermüller],1775; *bifasciata* Villers,1789
- 1100. Furcula bicuspis (Borkhausen,1790)** (Notodontidae) Synonym(s): *bicuspis* Borkhausen,1790; *borealis* Boisduval,1829; *infumata* Staudinger,1887; *transiens* Krulikowsky,1909
- 1101. Harpyia milhauseri (Fabricius,1775)** (Notodontidae) Synonym(s): *milhauseri* Fabricius,1775; *terrifica* [Denis & Schiffermüller],1775; *vidua* Knoch,1781; *albida* Daniel,1932
- 1102. Notodonta tritophus ([Denis & Schiffermüller],1775)** (Notodontidae) Synonym(s): *#tritophus* [Denis & Schiffermüller],1775; *phoebe* Siebert,1790; *perfuscus* Haworth,1803; *irfana* De Freina,1983.
- 1103. Peridea korbi (Rebel,1918)** (Notodontidae) Synonym(s): *korbi* Rebel,1918
- 1104. Phalera bucephala (Linnaeus,1758)** (Notodontidae) Synonym(s): *bucephala* Linnaeus,1758; *lunula* Retzius,1783 *nec* Hufn.,1766 *non* Strm,1768.
- 1105. Pterostoma palpinum (Linnaeus,1761)** (Notodontidae) Synonym(s): *palpina* Linnaeus,1761; *caudapiscina* Goeze,1783; *salicis* Germar,1812.
- 1106. Spatalia argentina ([Denis & Schiffermüller],1775)** (Notodontidae) Synonym(s): *argentina* [Denis & Schiffermüller],1775
- 1107. Stauropus fagi (Linnaeus,1758)** (Notodontidae) Synonym(s): *fagi* Linnaeus,1758
- 1108. Eratophyes amasiella (Herrich-Schäffer,[1855])** (Oecophoridae) Synonym(s): *amasiella* Herrich-Schäffer,[1855]; *aleatrix* Diakonoff,1975.
- 1109. Esperia imitatrix (Zeller,1847)** (Oecophoridae) Synonym(s): *imitatrix* Zeller,1847
- 1110. Esperia intermediella (Stainton,1867)** (Oecophoridae) Synonym(s): *intermediella* Stainton,1867
- 1111. Pleurota issicella Staudinger,1880** (Oecophoridae) Synonym(s): *issicella* Staudinger,1880
- 1112. Pleurota pyropella ([Denis & Schiffermüller],1775)** (Oecophoridae) Synonym(s): *pyropella* [Denis & Schiffermüller],1775
- 1113. Pleurota subpyropella Staudinger,1880** (Oecophoridae) Synonym(s): *subpyropella* Staudinger,1880
- 1114. Archon apollinaris (Staudinger,[1892])** (Papilionidae) Synonym(s): *apollinaris* Staudinger,[1892]; *pallidior* Spuler,1892; *#mardina* Stichel,1907
- 1115. Iphiclides podalirius (Linnaeus,1758)** (Papilionidae) Synonym(s): *podalirius* Linnaeus,1758; *sinon* Poda,1761; *flammeus* Fourcroy,1785; *brassicae* Fabricius,1807; *inalpinus* Verity,1911; *valesiaca* Verity,1911; *zancleides* Verity,1911; *pseudopersica* Rocci,1926.
- 1116. Papilio (s.str. (Alexanoria)) alexanor Esper,[1800]** (Papilionidae) Synonym(s): *polidamas* De Prunner,1787 *nec* Linn.,1758; *alexanor* Esper,[1800]; *polychaon* Loche,1801; *destelensis* Nel & Chauliac,1983.
- 1117. Papilio (s.str.) machaon Linnaeus,1758** (Papilionidae) Synonym(s): *machaon* Linnaeus,1758; *reginae* Retzius,1783; *umbellatarum* Fabricius,1807; *aurantiaca* Speyer,1858.
- 1118. Parnassius (Driopa) mnemosyne (Linnaeus,1758)** (Papilionidae) Synonym(s): *mnemosyne* Linnaeus,1758
- 1119. Parnassius (s.str.) apollo (Linnaeus,1758)** (Papilionidae) Synonym(s): *apollo* Linnaeus,1758
- 1120. Zerynthia (Allancastris) deyrollei (Oberthür,1869)** (Papilionidae) Synonym(s): *deyrollei* Oberthür,1869; *eisneri* Bernardi,1970; *lycaoniae* Eisner & Wagener,1974; *#flavomaculata* Verity,1905; *#ochracea* Verity,1905; *#obscurior* Verity,1905; *#subflava* Schultz,1908; *#deflexa* Schultz,1908; *#charis* Schultz,1908; *#separata* Sheljuzhko,1927.
- 1121. Anthocharis cardamines (Linnaeus,1758)** (Pieridae) Synonym(s): *cardamines* Linnaeus,1758; *hesperides* Newman,1894; *britannica* Verity,1908; *meridionalis* Verity,1908 *nec* Lederer,1852; *montivaga* Turati & Verity,1911

1122. **Anthocharis damone** Boisduval,1836 (Pieridae) Synonym(s): *damone* Boisduval,1836
1123. **Anthocharis grueneri** Herrich-Schäffer,[1851] (Pieridae) Synonym(s): *grueneri* Herrich-Schäffer,[1851]; *#diluta* Röber,1907; *eros* Röber,1907
1124. **Aporia (s.str.) crataegi** (Linnaeus,1758) (Pieridae) Synonym(s): *crataegi* Linnaeus,1758; *nigronevrosus* Retzius,1783; *minor* Verity,1907; *basanius* Fruhstorfer,1910; *crataegiaugusta* Verity,1937.
1125. **Colias (Eriocolias) crocea** (Fourcroy,1785) (Pieridae) Synonym(s): *crocea* Fourcroy,1785; *pyrenaica* Groum-Grshimailo,1893.
1126. **Colias (Eriocolias) thisoa** Ménétriés,1832 (Pieridae) Synonym(s): *thisoa* Ménétriés,1832; *helenia* Herrich-Schäffer,[1844]; *eos* Herrich-Schäffer,[1848]; *#ludmilla* Schulte,1989.
1127. **Colias (Neocolias) aurorina** Herrich-Schäffer,[1850] (Pieridae) Synonym(s): *aurorina* Herrich-Schäffer,[1850]
1128. **Colias (Neocolias) chlorocoma** Christoph,1888 (Pieridae) Synonym(s): *chlorocoma* Christoph,1888
1129. **Colias (s.str.) alfacariensis** Ribbe,1905 (Pieridae) Synonym(s): *alfacariensis* Ribbe,1905
1130. **Euchloe (Elphinstonia) penia** (Freyer,[1852]) (Pieridae) Synonym(s): *penia* Freyer,[1852]; *mesopotamica* Baker,1889.
1131. **Euchloe (s.str.) ausonia** (Hübner,[1804]) (Pieridae) Synonym(s): *ausonia* Hübner,[1804]; *marchandae* Geyer,[1832].
1132. **Gonepteryx (s.str.) farinosa** (Zeller,1847) (Pieridae) Synonym(s): *farinosa* Zeller,1847
1133. **Gonepteryx (s.str.) rhamni** (Linnaeus,1758) (Pieridae) Synonym(s): *rhamni* Linnaeus,1758; *gravesi* Huggins,1956.
1134. **Leptidea duponcheli** (Staudinger,1871) (Pieridae) Synonym(s): *duponcheli* Staudinger,1871; *#dupncheli* Nazari,2003
1135. **Leptidea sinapis** (Linnaeus,1758) (Pieridae) Synonym(s): *sinapis* Linnaeus,1758; *candidus* Retzius,1783; *erysimi* Borkhausen,1788; *lathyrus* Hübner,[1819]; *loti* Rennie,1832; *umbratica* Trimoulet,1858; *sartha* Rühl,1893; *stabiarum* Stauder,1914; *nigrescens* Verity,1919; *patunae* Stauder,1922; *lathyricana* Verity,1952.
1136. **Pieris (Artogeia) bowdeni** Eitschberger,[1984] (Pieridae) Synonym(s): *bowdeni* Eitschberger,[1984]
1137. **Pieris (Artogeia) ergane** (Geyer,[1828]) (Pieridae) Synonym(s): *ergane* Geyer,[1828]; *narcaea* Freyer,[1828].
1138. **Pieris (Artogeia) krueperi** Staudinger,1860 (Pieridae) Synonym(s): *krueperi* Staudinger,1860
1139. **Pieris (Artogeia) mannii** (Mayer,1851) (Pieridae) Synonym(s): *mannii* Mayer,1851; *manni* Verity,1908; *alpigena* Verity,1911; *roberti* Eitschberger & Steiniger,1973.
1140. **Pieris (Artogeia) persis** Verity,1922 (Pieridae) Synonym(s): *persis* Verity,1922; *higginsii* Bowden,1961.
1141. **Pieris (Artogeia) pseudorapae** Verity,1908 (Pieridae) Synonym(s): *pseudorapae* Verity,1908
1142. **Pieris (Artogeia) rapae** (Linnaeus,1758) (Pieridae) Synonym(s): *rapae* Linnaeus,1758; *nelo* Bergsträßer,1780; *metra* Stephens,1827; *alpica* Rossi,1929.
1143. **Pieris (s.str.) brassicae** (Linnaeus,1758) (Pieridae) Synonym(s): *brassicae* Linnaeus,1758; *chariclea* Stephens,1827; *#venata* Verity,1908; *cyniphia* Turati,1924.
1144. **Pontia callidice** (Hübner,[1800]) (Pieridae) Synonym(s): *callidice* Hübner,[1800]; *callidice* Esper,[1803].
1145. **Pontia chloridice** (Hübner,[1813]) (Pieridae) Synonym(s): *ruissiae* Esper,[1784] *nec ruissiae* Esper,[1783]; *chloridice* Hübner,[1813]; *#aestuosa* Staudinger,1901; *albidice* Staudinger,1901 *nec Oberthür*,1881.
1146. **Pontia edusa** (Fabricius,1777) (Pieridae) Synonym(s): *edusa* Fabricius,1777; *bellidice* Ochsenheimer,1808; *persica* Bienert,1869; *#nitida* Verity,[1908].
1147. **Zegris eupheme** (Esper,[1804]) (Pieridae) Synonym(s): *eupheme* Esper,[1804]; *erithoe* Eversmann,1832; *tschudica* Herrich-Schäffer,[1851].
1148. **Apterona helicoidella** (Vallot,1827) (Psychidae) Synonym(s): *helicoidella* Vallot,1827; *resedella* Vallot,1843; *helix* Siebold,[1851].
1149. **Canephora caucasica** (A.Bang-Haas,1912) (Psychidae) Synonym(s): *caucasica* A.Bang-Haas,1912; *subgrisea* Kozhanchikov,1956.
1150. **Cnaemidophorus rhododactylus** (Fabricius,1787) (Pterophoridae) Synonym(s): *#rhododactyla* [Denis & Schiffermüller],1775; *rhododactylus* Fabricius,1787; *koreana* Matsumura,1931; *#rhododactylus* Arenberger,1998
1151. **Platylitia chondrodactyla** Caradja,1920 (Pterophoridae) Synonym(s): *chondrodactyla* Caradja,1920
1152. **Pterophorus pentadactylus** (Linnaeus,1758) (Pterophoridae) Synonym(s): *pentadactylus* Linnaeus,1758; *tridactyla* Scopoli,1763; *sulphurea* Staudinger,1880.
1153. **Stenoptilia mannii** (Zeller,1852) (Pterophoridae) Synonym(s): *mannii* Zeller,1852; *megalochra* Meyrick,1930.
1154. **Wheeleria sobeidae** (Arenberger,1981) (Pterophoridae) Synonym(s): *sobeidae* Arenberger,1981
1155. **Acrobasis atrisquamella** Ragonot,1887 (Pyralidae) Synonym(s): *atrisquamella* Ragonot,1887; *nigrisquamella* Amsel,1953
1156. **Acrobasis centunculella** (Mann,1859) (Pyralidae) Synonym(s): *centunculella* Mann,1859
1157. **Acrobasis glaucella** Staudinger,1859 (Pyralidae) Synonym(s): *glaucella* Staudinger,1859; *fallouella* Ragonot,1871; *anatolica* Caradja,1910.
1158. **Aeglotis argentalis** (Christoph,1887) (Pyralidae) Synonym(s): *argentalis* Christoph,1887
1159. **Agriphila geniculea** (Haworth,[1811]) (Pyralidae) Synonym(s): *geniculea* Haworth,[1811]; *imistella* Hübner,[1813]; *angulatus* Duponchel,1836; *suspectellus* Zeller,1839.
1160. **Ancylolomia palpella** ([Denis & Schiffermüller],1775) (Pyralidae) Synonym(s): *palpella* [Denis & Schiffermüller],1775; *sovinskyi* Krulikovsky,1909
1161. **Ancylosis (Cabotia) oblitella** (Zeller,1848) (Pyralidae) Synonym(s): *oblitella* Zeller,1848; *homographis* Hampson,1930; *ischnopsis* Meyrick,1937; *major* Lucas,1948; *ochraella* Lucas,1948; *boitella* Lucas,1950; *calaritallella* Amsel,1951; *indistinctella* Lucas,1955.



- 1162. Ancylosis (Heterographis) faustinella (Zeller, 1867)** (Pyralidae) Synonym(s): *faustinella* Zeller, 1867; *staudingeri* Christoph, 1877; *rubripictella* Hampson, 1896; *thalerella* Mabil, 1908; *variabilis* Rothschild, 1915; *airensis* Rothschild, 1921; *bilineella* Amsel, 1935; *damascenella* Amsel, 1952.
- 1163. Ancylosis (Heterographis) hellenica (Staudinger, 1870)** (Pyralidae) Synonym(s): *hellenica* Staudinger, 1870; *deliciosella* Caradja, 1910.
- 1164. Ancylosis (Heterographis) roscidella (Eversmann, 1844)** (Pyralidae) Synonym(s): *roscidella* Eversmann, 1844; *cinerella* Stainton, 1859; *ephedrella* Herrich-Schäffer, 1860; *neglectella* Heinemann, 1864; *blandella* Ragonot, 1887; *zobrella* Oberthür, 1888; *carnea* W. Warren, 1888; *bartelevella* Caradja, 1910; *benderella* Amsel, 1961.
- 1165. Ancylosis (Heterographis) xylinella (Staudinger, 1870)** (Pyralidae) Synonym(s): *xylinella* Staudinger, 1870; *sablonella* Rothschild, 1915; *molochinella* Zerny, 1929.
- 1166. Ancylosis (s.str.) cinnamomella (Duponchel, 1836)** (Pyralidae) Synonym(s): *dilutella* Tr., 1832 [n.o.]; *cinnamomella* Dup., 1836; *labeomella* Staudinger, 1859; *lafauryella* Rag., 1887; *byzacaeniella* Rag., 1887; *roseopenella* Rag., 1901; *tunesella* Caradja, 1910; *fuliginosa* Rothschild, 1913; *pictella* Tur., 1922; *ferrugineolineella* Tur., 1924.
- 1167. Ancylosis (s.str.) maculifera Staudinger, 1870** (Pyralidae) Synonym(s): *maculifera* Staudinger, 1870; *ifraneella* Lucas, 1954.
- 1168. Anthophilopsis baphialis (Staudinger, 1870)** (Pyralidae) Synonym(s): *baphialis* Staudinger, 1870; *#baphiale* Caradja, 1917.
- 1169. Aporodes floralis (Hübner, [1809])** (Pyralidae) Synonym(s): *floralis* Hübner, [1809]; *stygialis* Treitschke, 1829; *sicualis* Duponchel, 1833; *conversalis* Duponchel, 1834; *meleagrisalis* Walker, 1859; *transversalis* Moore, 1878; *grisealis* Caradja, 1916; *#florealis* Rebel, 1939.
- 1170. Aporodes nepticulalis Hofmann, [1898]** (Pyralidae) Synonym(s): *nepticulalis* Hofmann, [1898].
- 1171. Arsissa divaricella (Ragonot, 1887)** (Pyralidae) Synonym(s): *divaricella* Ragonot, 1887; *#aurantiacella* Caradja, 1910; *velocella* Toll, 1948; *firusella* Amsel, 1961.
- 1172. Arsissa ramosella (Herrich-Schäffer, [1855])** (Pyralidae) Synonym(s): *ramosella* Herrich-Schäffer, [1855]; *albiramosella* Caradja, 1916; *caradjaella* Zerny, 1939.
- 1173. Asalebria (Exophora) exasperata (Staudinger, 1879)** (Pyralidae) Synonym(s): *exasperata* Staudinger, 1879.
- 1174. Asalebria (Exophora) florella (Mann, 1862)** (Pyralidae) Synonym(s): *florella* Mann, 1862.
- 1175. Bazaría leucochrella (Herrich-Schäffer, [1855])** (Pyralidae) Synonym(s): *leucochrella* Herrich-Schäffer, [1855].
- 1176. Bradyrrhoa cantenerella (Duponchel, 1837)** (Pyralidae) Synonym(s): *cantenerella* Duponchel, 1837; *ravella* Heydenreich, 1851; *subflavella* Ragonot, 1887; *sardicolella* Schawerda, 1936; *variegatella* Lucas, 1948; *brunneella* Lucas, 1955.
- 1177. Bradyrrhoa gilveolella (Treitschke, 1833)** (Pyralidae) Synonym(s): *gilveolella* Treitschke, 1833.
- 1178. Bradyrrhoa trapezella (Duponchel, 1836)** (Pyralidae) Synonym(s): *trapezella* Duponchel, 1836; *cinerella* Duponchel, 1836; *saxeella* Zeller, 1848; *chalcedoniella* Herrich-Schäffer, 1851; *seniella* Staudinger, 1879; *petryi* Schawerda, 1933.
- 1179. Cadra delattinella Roesler, 1965** (Pyralidae) Synonym(s): *delattinella* Roesler, 1965.
- 1180. Cadra furcatella (Herrich-Schäffer, [1849])** (Pyralidae) Synonym(s): *furcatella* Herrich-Schäffer, [1849].
- 1181. Catoptria falsella ([Denis & Schiffermüller], 1775)** (Pyralidae) Synonym(s): *falsella* [Denis & Schiffermüller], 1775; *abruptella* Thunberg, 1794; *persephone* Bleszynski, 1956.
- 1182. Chilo pulverosellus Ragonot, 1895** (Pyralidae) Synonym(s): *pulverosellus* Ragonot, 1895; *brevipalpellus* Zerny, 1914; *fernandezi* Joannis, 1932; *lemarchandellus* Lucas, 1945.
- 1183. Chrysocrambus craterellus (Scopoli, 1763)** (Pyralidae) Synonym(s): *craterellus* Scopoli, 1763; *rorella* Linnaeus, 1767; *klimeschi* Toll, 1938; *alpinus* Bleszynski, 1958; *abruzzellus* Bleszynski, 1958.
- 1184. Chrysocrambus linetellus (Fabricius, 1781)** (Pyralidae) Synonym(s): *linetellus* Fabricius, 1781; *cassentiniellus* Herrich-Schäffer, [1848]; *distinctus* Müller-Rutz, 1920; *chrysocrossis* Meyrick, 1936; *#marioni* Dufrane, 1960.
- 1185. Chrysocrambus syriellus (Zerny, 1934)** (Pyralidae) Synonym(s): *syriellus* Zerny, 1934.
- 1186. Conobathra repandana (Fabricius, 1798)** (Pyralidae) Synonym(s): *repandana* Fabricius, 1798; *tumidella* Zincken, 1818; *zelleri* Ragonot, 1888.
- 1187. Crambus perlellus (Scopoli, 1763)** (Pyralidae) Synonym(s): *perlellus* Scopoli, 1763; *dealbellus* Thunberg, 1788; *warringtonellus* Stainton, 1849.
- 1188. Cynaeda gigantea (Wocke, 1871)** (Pyralidae) Synonym(s): *gigantea* Wocke, 1871.
- 1189. Dolicharthria bruguieralis (Duponchel, 1833)** (Pyralidae) Synonym(s): *bruguieralis* Duponchel, 1833; *coniotalis* Hampson, 1903; *similalis* Rothschild, 1915.
- 1190. Dolicharthria punctalis ([Denis & Schiffermüller], 1775)** (Pyralidae) Synonym(s): *punctalis* [Denis & Schiffermüller], 1775.
- 1191. Ecbatania holopyrrhella (Ragonot, 1888)** (Pyralidae) Synonym(s): *holopyrrhella* Ragonot, 1888.
- 1192. Ecpyrrhorhoe diffusalis (Guenée, 1854)** (Pyralidae) Synonym(s): *carnealis* Dup., 1831 *nec* Treit. 1829; *diffusalis* Guenée, 1854; *affusalis* Guenée, 1854; *tenuialis* Mann, 1862.
- 1193. Elegia fallax (Staudinger, 1881)** (Pyralidae) Synonym(s): *fallax* Staudinger, 1881; *atrifasciella* Ragonot, 1887; *nigribasella* Ragonot, 1895; *iozona* Meyrick, 1937; *elegiella* Amsel, 1953.
- 1194. Endotricha flammealis ([Denis & Schiffermüller], 1775)** (Pyralidae) Synonym(s): *flammealis* [Denis & Schiffermüller], 1775; *carnealis* De Lattin, 1951.
- 1195. Epascestria pustulalis (Hübner, [1823])** (Pyralidae) Synonym(s): *pustulalis* Hübner, [1823]; *orientalis* Caradja, 1917.

- 1196. *Ephelis cruentalis* (Geyer,[1832])** (Pyalidae) Synonym(s): *cruentalis* Geyer,[1832]; *bourjotalis* Duponchel,1833; *badialis* Treitschke,1835
- 1197. *Ephestia (Anagasta) welseriella* (Zeller,1848)** (Pyalidae) Synonym(s): *welseriella* Zeller,1848; *modestella* Lederer,1863; *tephrinella* Lederer,1870; *rhenanella* Fuchs,1877; *suffusella* Ragonot,1901; *immodestella* Rebel,1916; *superbella* Lucas,1954; *capricola* Hampson,1927.
- 1198. *Epidauria discella* Ragonot,1901** (Pyalidae) Synonym(s): *discella* Ragonot,1901
- 1199. *Epidauria strigosa* (Staudinger,1879)** (Pyalidae) Synonym(s): *strigosa* Staudinger,1879
- 1200. *Epiepischnia pseudolydella* Amsel,1953** (Pyalidae) Synonym(s): *pseudolydella* Amsel,1953
- 1201. *Epischnia prodromella* (Hübner,[1799])** (Pyalidae) Synonym(s): *prodromella* Hübner,[1799]; *#prodromella* Rebel,1939
- 1202. *Etiella zinckenella* (Treitschke,1832)** (Pyalidae) Synonym(s): *marginella* Fabricius,1781 *nec* Den. & Schiff.,1775; *zinckenella* Treitschke,1832; *etiella* Treitschke,1835; *majorellus* Costa,1836; *colonnellus* Costa,1836; *dymnusalis* Walker,1859; *heraldella* Guenée,1862; *anticalis* Walker,1863; *indicatalis* Walker,1863; *hastiferella* Walker,1866; *decipiens* Staudinger,1870; *spartiella* Rondani,1876; *sabulinus* Butler,1879; *madagascariensis* Saalmüller,1880; *schisticolor* Zeller,1881; *villosella* Hulst,1887; *rubribasella* Hulst,1890; *#tiella* Pinhey,1975.
- 1203. *Euchromius bellus* (Hübner,1796)** (Pyalidae) Synonym(s): *bella* Hübner,1796; *bellalis* Hübner,[1825].
- 1204. *Euchromius cochlearellus* (Amsel,1949)** (Pyalidae) Synonym(s): *cochlearella* Amsel,1949
- 1205. *Euchromius keredjellus* (Amsel,1949)** (Pyalidae) Synonym(s): *keredjella* Amsel,1949
- 1206. *Euchromius ocellus* (Haworth,[1811])** (Pyalidae) Synonym(s): *ocellea* Haworth,[1811]; *cyrilli* Costa,1832; *fumiculella* Treitschke,1832; *texana* Robinson,1870; *gigantea* Turati,1924; *quadrii* Ahmad,Zaidi & Kamaluddin,1982
- 1207. *Euchromius superbellus* (Zeller,1849)** (Pyalidae) Synonym(s): *superbellus* Zeller,1849; *wockeella* Zeller,1863; *cypriusella* Amsel,1958.
- 1208. *Euchromius vinculellus* (Zeller,1847)** (Pyalidae) Synonym(s): *vinculellus* Zeller,1847; *corsicalis* Hampson,1919; *joiceyella* Schmidt,1934; *bahrutella* Amsel,1949.
- 1209. *Eurrhysis cacuminalis* (Eversmann,1843)** (Pyalidae) Synonym(s): *cacuminalis* Eversmann,1843
- 1210. *Euzophera (s.str.) bigella* (Zeller,1848)** (Pyalidae) Synonym(s): *bigella* Zeller,1848; *stenoptycha* Herrich-Schäffer,1855; *bisinuella* Ragonot,1887; *punicaeella* Moore,1891; *immundella* Ragonot,1901; *angulella* Chrétien,1922; *renulella* Constantini,1922
- 1211. *Euzophera (s.str.) flagella* (Lederer,1869)** (Pyalidae) Synonym(s): *flagella* Lederer,1869
- 1212. *Euzophera (s.str.) imperfectella* Ragonot,1895** (Pyalidae) Synonym(s): *imperfectella* Ragonot,1895; *xylomorpha* Meyrick,1937.
- 1213. *Euzophera (s.str.) umbrosella* (Staudinger,1879)** (Pyalidae) Synonym(s): *umbrosella* Staudinger,1879; *albobogivella* Ragonot,1887; *depauperatella* Ragonot,1901.
- 1214. *Euzopherodes lutisignella* (Mann,1869)** (Pyalidae) Synonym(s): *lutisignella* Mann,1869; *leonhardi* Rebel,1910; *scipionella* Turati,1924; *battella* Turati,1924.
- 1215. *Evergestis frumentalis* (Linnaeus,1761)** (Pyalidae) Synonym(s): *frumentalis* Linnaeus,1761
- 1216. *Evergestis infirmalis* (Staudinger,1870)** (Pyalidae) Synonym(s): *infirmalis* Staudinger,1870; *helenalis* Staudinger,1870
- 1217. *Evergestis nomadalis* (Lederer,1871)** (Pyalidae) Synonym(s): *nomadalis* Lederer,1871
- 1218. *Evergestis subfuscalis* (Staudinger,1870)** (Pyalidae) Synonym(s): *subfuscalis* Staudinger,1870
- 1219. *Evergestis umbrosalis* (Fischer v. Röslerstamm,[1842])** (Pyalidae) Synonym(s): *umbrosalis* Fischer v. Röslerstamm,[1842]
- 1220. *Galleria mellonella* (Linnaeus,1758)** (Pyalidae) Synonym(s): *mellonella* Linnaeus,1758; *cereana* Blom,1764; *cerella* Fabricius,1775; *cerea* Haworth,1811; *cerealis* Hübner,[1825]; *obliquella* Walker,1866; *austrina* R.Felder & Rogenhofer,1875; *#crombruggheella* Dufrane,1930.
- 1221. *Glaucobaris euchromiella* (Ragonot,1895)** (Pyalidae) Synonym(s): *euchromiella* Ragonot,1895; *sinualis* Hampson,1900; *rebeli* Osthelder,1941.
- 1222. *Homoeosoma (s.str.) sinuellum* (Fabricius,1794)** (Pyalidae) Synonym(s): *sinuella* Fabricius,1794; *sinuatus* Fabricius,1794; *elongella* Hübner,[1813]; *gemina* Haworth,1811; *flavella* Duponchel,1836; *gioferella* Turati,1934.
- 1223. *Hyperlais dulcinalis* (Treitschke,1835)** (Pyalidae) Synonym(s): *dulcinalis* Treitschke,1835
- 1224. *Hypocharcia ahenella* ([Denis & Schiffermüller],1775)** (Pyalidae) Synonym(s): *ahenella* [Denis & Schiffermüller],1775; *aeneella* Hübner,1796; *obscuratus* Haworth,1809; *tetrix* Haworth,1811; *ahenalis* Hübner,[1825]; *rubiginella* Treitschke,1833; *bistrigella* Duponchel,1836; *luridella* Schläger,1845; *caucasica* Ragonot,1893; *lugubrella* Hering,1924
- 1225. *Hypsopygia costalis* (Fabricius,1775)** (Pyalidae) Synonym(s): *costalis* Fabricius,1775; *#lugens* Rebel,1903; *syriaca* Zerny,1914; *lugens* Caradja,1917.
- 1226. *Hypsotropa limbella* Zeller,1848** (Pyalidae) Synonym(s): *limbella* Zeller,1848
- 1227. *Isauria dilucidella* (Duponchel,1836)** (Pyalidae) Synonym(s): *dilucidella* Duponchel,1836; *ilignella* Zeller,1839; *laternella* Eversmann,1844; *crepusculella* Lederer,1870; *incredibilis* Staudinger,1879; *subsortitella* Ragonot,1887; *satanella* Ragonot,1887; *odontella* Ragonot,1893; *ledereri* Ragonot,1893; *cuencella* Caradja,1916; *gabalitella* Chrétien,1931; *grisescens* Lucas,1950; *parvella* Amsel,1951; *shahidanella* Amsel,1970
- 1228. *Keradere lepidella* (Ragonot,1887)** (Pyalidae) Synonym(s): *lepidella* Ragonot,1887
- 1229. *Lambaesia straminella* (Zerny,1914)** (Pyalidae) Synonym(s): *straminella* Zerny,1914; *alphaltopis* Meyrick,1937.
- 1230. *Loxostege halil Kemal & Koçak,2007*** (Pyalidae) Synonym(s): *halil Kemal & Koçak,2007*
- 1231. *Mecyna lutealis* (Duponchel,1833)** (Pyalidae) Synonym(s): *flavalis* Devillers,1789 *nec* [Denis & Schiff.],1775; *lutealis* Duponchel,1833; *citralis* Herrich-Schäffer,1849; *gomagoialis* Amsel,1932

1232. *Mecyna lutulentalis* (Lederer,1858) (Pyralidae) Synonym(s): *lutulentalis* Lederer,1858
1233. *Mecyna subsequalis* (Herrich-Schäffer,1851) (Pyralidae) Synonym(s): *subsequalis* Herrich-Schäffer,1851; *consequens* Meyrick,1932.
1234. *Mecyna trinalis* ([Denis & Schiffermüller],1775) (Pyralidae) Synonym(s): *trinalis* [Denis & Schiffermüller],1775
1235. *Mesocrambus candidellus* (Herrich-Schäffer,[1848]) (Pyralidae) Synonym(s): *candidellus* Herrich-Schäffer,[1848]; *#candiellus* Bleszynski,1965.
1236. *Metacrambus carectellus* (Zeller,1847) (Pyralidae) Synonym(s): *carectellus* Zeller,1847; *lugdunellus* Millièrè,1868; *truncatellus* Caradja,1916.
1237. *Metallosticha argyrogrammos* (Zeller,1847) (Pyralidae) Synonym(s): *argyrogrammos* Zeller,1847
1238. *Metasia* (s.str.) *carnealis* (Treitschke,1829) (Pyralidae) Synonym(s): *carnealis* Treitschke,1829
1239. *Metasia* (s.str.) *suppandalis* (Hübner,[1823]) (Pyralidae) Synonym(s): *suppandalis* Hübner,[1823]
1240. *Microstega praepetalis* (Lederer,1869) (Pyralidae) Synonym(s): *praepetalis* Lederer,1869; *haemopsamma* Meyrick,1937
1241. *Mimudea confinalis* (Lederer,1858) (Pyralidae) Synonym(s): *confinalis* Lederer,1858; *graecalis* Staudinger,1870
1242. *Mimudea institalis* (Hübner,[1819]) (Pyralidae) Synonym(s): ? *focorum* Fourcroy,1785; *institalis* Hübner,[1819]; *rutana* Vallot,1829; *ferreralis* Duponchel,1833
1243. *Mimudea lutealis* (Hübner,[1809]) (Pyralidae) Synonym(s): *lutealis* Hübner,[1809]; *pascualis* Lienig & Zeller,1846; *aetialis* Stephens,1850; *aetialis* Guenée,1854
1244. *Myelois* (Gnathogutta) *circumdatella* Lederer,1858 (Pyralidae) Synonym(s): *circumdatella* Lederer,1858; *ottoella* Schawerda,1924
1245. *Myelois* (Gnathogutta) *pumicosa* Lederer,1855 (Pyralidae) Synonym(s): *pumicosa* Lederer,1855
1246. *Myelois* (s.str.) *circumvoluta* (Fourcroy,1785) (Pyralidae) Synonym(s): *circumvoluta* Fourcroy,1785; *circumvolutella* Villers,1789; *cribrella* Hübner,1796; *carhdui* Haworth,1811; *medullalis* Hübner,[1825]; *pallium* Vallot,1829; *gilvescentella* Fuchs,1903; *britannicella* Amsel,1951; *impunctata* Hartig,1952; *nigrapeza* Hartig,1952
1247. *Myrlaea albistrigata* (Staudinger,1881) (Pyralidae) Synonym(s): *albistrigata* Staudinger,1881
1248. *Neocrambus wolfschlaegeri* (Schawerda,1937) (Pyralidae) Synonym(s): *wolfschlaegeri* Schawerda,1937
1249. *Nephopterix minimella* Amsel,1953 (Pyralidae) Synonym(s): *minimella* Amsel,1953
1250. *Noctuella superba* (Freyer,[1844]) (Pyralidae) Synonym(s): *superba* Freyer,[1844]
1251. *Noctuella vespertalis* Herrich-Schäffer,[1855] (Pyralidae) Synonym(s): *vespertalis* Herrich-Schäffer,[1855]; *#gilvalis* Zerny,1914.
1252. *Nomophila noctuella* ([Denis & Schiffermüller],1775) (Pyralidae) Synonym(s): *noctuella* [Denis & Schiffermüller],1775; *hybridalis* Hübner,1796; *indistinctalis* Walker,1859
1253. *Oncocera semirubella* (Scopoli,1763) (Pyralidae) Synonym(s): *semirubella* Scopoli,1763; *rosella* Goeze,1783 nec Sc.,1763; *purpurella* Thunberg,1788; *sanguinella* Hübner,1796; *sanguinea* Haworth,1811; *nigrella* Caradja,1916
1254. *Ostrinia nubilalis* (Hübner,1796) (Pyralidae) Synonym(s): *nubilalis* Hübner,1796; *silacealis* Hübner,1796.
1255. *Panstegia limbopunctalis* (Herrich-Schäffer,[1849]) (Pyralidae) Synonym(s): *limbopunctalis* Herrich-Schäffer,[1849]
1256. *Paracorsia repandalis* ([Denis & Schiffermüller],1775) (Pyralidae) Synonym(s): *repandalis* [Denis & Schiffermüller],1775
1257. *Parapoinx stratiotatum* (Linnaeus,1758) (Pyralidae) Synonym(s): *stratiotata* Linnaeus,1758; *paludata* Fabricius,1794; *amanica* Osthelder,1935
1258. *Paratalanta hyalinalis* (Hübner,1796) (Pyralidae) Synonym(s): *hyalinalis* Hübner,1796
1259. *Pediasia matricella* (Treitschke,1832) (Pyralidae) Synonym(s): *matricella* Treitschke,1832; *obscura* Caradja,1931
1260. *Pempelia alpigenella* (Duponchel,1836) (Pyralidae) Synonym(s): *alpigenella* Duponchel,1836; *wagnerella* Freyer,1845
1261. *Pempelia johannella* (Caradja,1917) (Pyralidae) Synonym(s): *johannella* Caradja,1917
1262. *Pempelia romanoffella* (Ragonot,1887) (Pyralidae) Synonym(s): *romanoffella* Ragonot,1887
1263. *Phlyctaenomorpha sinuosalis* (Le Cerf,1910) (Pyralidae) Synonym(s): *sinuosalis* le Cerf,1909; *platyphaea* Meyrick,1937.
1264. *Phycita kurdistanella* Amsel,1953 (Pyralidae) Synonym(s): *kurdistanella* Amsel,1953
1265. *Phycita strigata* (Staudinger,1879) (Pyralidae) Synonym(s): *strigata* Staudinger,1879
1266. *Phycitodes albatella* (Ragonot,1887) (Pyralidae) Synonym(s): *albatella* Ragonot,1887
1267. *Phycitodes binaevella* (Hübner,[1813]) (Pyralidae) Synonym(s): *binaevella* Hübner,[1813].
1268. *Phycitodes carlinella* (Heinemann,1865) (Pyralidae) Synonym(s): *carlinella* Heinemann,1865; *cretacella* Rössler,1866; *maritima* Tengström,1870; *senecionis* Vaughan,1870; *caniusella* Ragonot,1901
1269. *Phycitodes lacteella* (Rothschild,1915) (Pyralidae) Synonym(s): *lacteella* Rothschild,1915; *vietella* Roesler,1965.
1270. *Phycitodes nigrilimbella* (Ragonot,1887) (Pyralidae) Synonym(s): *nigrilimbella* Ragonot,1887
1271. *Phycitodes saxicola* (Vaughan,1870) (Pyralidae) Synonym(s): *saxicola* Vaughan,1870
1272. *Pima boisduvaliella* (Guenée,1845) (Pyralidae) Synonym(s): *boisduvaliella* Guenée,1845
1273. *Plodia interpunctella* (Hübner,[1813]) (Pyralidae) Synonym(s): *interpunctella* Hübner,[1813]; *interpunctalis* Hübner,[1825]; *zeae* Fitch,1856; *castaneella* Reutti,1898; *latercula* Hampson,1901; *glycinivora* Matsumura,1917; *glycinivorella* Matsumura,1932.
1274. *Prorophora* (Epischidia) *albunculella* (Staudinger,1879) (Pyralidae) Synonym(s): *albunculella* Staudinger,1879; *rhectogramma* Meyrick,1937.



1275. **Psammotis pulveralis** (Hübner,1796) (Pyralidae) Synonym(s): *pulveralis* Hübner,1796
1276. **Psorosa maraschella** Caradja,1910 (Pyralidae) Synonym(s): *maraschella* Caradja,1910
1277. **Psorodes dalakiella** Amsel,1953 (Pyralidae) Synonym(s): *dalakiella* Amsel,1953
1278. **Pterothrixidia contectella** (Zeller,1848) (Pyralidae) Synonym(s): *contectella* Zeller,1848
1279. **Pterothrixidia impurella** (Duponchel,1836) (Pyralidae) Synonym(s): *impurella* Duponchel,1836
1280. **Pyralis farinalis** (Linnaeus,1758) (Pyralidae) Synonym(s): *farinalis* Linnaeus,1758; *erecta* Fourcroy,1785; *farinatus* Haworth,1810; *domesticalis* Zeller,1847; *fraterna* Butler,1879; *meridionalis* Schmidt,1934; *orientalis* Amsel,1961 nec Fabr.,1794.
1281. **Pyralis regalis** [Denis & Schiffermüller],1775 (Pyralidae) Synonym(s): *regalis* [Denis & Schiffermüller],1775
1282. **Pyrasia gutturalis** (Staudinger,1879) (Pyralidae) Synonym(s): *gutturalis* Staudinger,1879
1283. **Pyrausta (Haematia) despicata** (Scopoli,1763) (Pyralidae) Synonym(s): *despicata* Scopoli,1763; *cespitis* [Denis & Schiffermüller],1775.
1284. **Pyrausta (Haematia) sanguinalis** (Linnaeus,1767) (Pyralidae) Synonym(s): *sanguinalis* Linnaeus,1767; *crentalis* Scriba,1770; *haematalis* Hübner,[1819]
1285. **Pyrausta (Haematia) virginalis** Duponchel,1832 (Pyralidae) Synonym(s): *virginalis* Duponchel,1832; *auroralis* Zeller,1847; *neglectalis* Caradja,1916
1286. **Pyrausta (s.str.) aurata** (Scopoli,1763) (Pyralidae) Synonym(s): *aurata* Scopoli,1763; *punicealis* [Denis & Schiffermüller],1775; *niepoldalis* Lederer,1863
1287. **Pyrausta (s.str.) falcatalis** (Guenée,1854) (Pyralidae) Synonym(s): *falcatalis* Guenée,1854; *coecilialis* Walker,1859; *flegialis* Walker,1859; *noraxalis* Walker,1859; *ocellusalis* Walker,1859; *palopealis* Walker,1859; *probalis* Walker,1859; *catenalis* Walker,[1866]; *concatenalis* Walker,[1866]; *juncturalis* Walker,[1866]; *tauricalis* Caradja,1917
1288. **Pyrausta (s.str.) inciae** Koçak,1982 (Pyralidae) Synonym(s): *meridionalis* Staudinger,1880 nec Weke,1871; *inciae* Koçak,1982.
1289. **Pyrausta (s.str.) obfuscata** (Scopoli,1763) (Pyralidae) Synonym(s): *obfuscata* Scopoli,1763; *fuscorubella* Goeze,1783; *bimaculosa* Fourcroy,1785; *rubralis* Villers,1789; *pygmeal* Duponchel,1833; *fucatalis* Treitschke,1835; *atrosanguinalis* Eversmann,1842
1290. **Sciota (s.str.) imperialella** (Ragonot,1887) (Pyralidae) Synonym(s): *imperialella* Ragonot,1887
1291. **Sciota (s.str.) insignella** (Mann,1862) (Pyralidae) Synonym(s): *insignella* Mann,1862
1292. **Sciota (s.str.) rhenella** (Zincken,1818) (Pyralidae) Synonym(s): *rhenella* Zincken,1818
1293. **Scoparia ingratella** (Zeller,1846) (Pyralidae) Synonym(s): ? *majalis* Scopoli,1763; *ingratella* Zeller,1846; *ingratalis* Herrich-Schäffer,1853; *sibirica* Lederer,1853; *octavianella* Mann,1859; *catalonica* Leraut,1982
1294. **Sitochroa palealis** ([Denis & Schiffermüller],1775) (Pyralidae) Synonym(s): ? *flaveolata* Hufnagel,1767; *palealis* [Denis & Schiffermüller],1775; *stigmatalis* Villers,1789; *selenalis* Hübner,[1819]
1295. **Sitochroa verticalis** (Linnaeus,1758) (Pyralidae) Synonym(s): *verticalis* Linnaeus,1758; *inversa* Fourcroy,1785; *cinctalis* Treitschke,1829
1296. **Sultania lophotalis** (Hampson,1900) (Pyralidae) Synonym(s): *lophotalis* Hampson,1900
1297. **Synaphe bombycalis** ([Denis & Schiffermüller],1775) (Pyralidae) Synonym(s): *bombycalis* [Denis & Schiffermüller],1775; *almanica* Rebel,1917.
1298. **Synaphe consecratalis** (Lederer,1855) (Pyralidae) Synonym(s): *consecratalis* Lederer,1855
1299. **Synaphe moldavica** (Esper,[1789]) (Pyralidae) Synonym(s): *moldavica* Esper,[1789]; *schmidtii* Hartig,1941.
1300. **Synaphe punctalis** (Fabricius,1775) (Pyralidae) Synonym(s): *punctalis* Fabricius,1775; *angustalis* [Denis & Schiffermüller],1775.
1301. **Tegostoma perlepidalis** (Guenée,1854) (Pyralidae) Synonym(s): ? *lepidalis* Herrich-Schäffer,[1851]; *perlepidalis* Guenée,1854; *lepidalis* Herrich-Schäffer,[1855]; *#lepidale* Caradja,1917.
1302. **Titanio normalis** (Hübner,1796) (Pyralidae) Synonym(s): *normalis* Hübner,1796; *ancyrensis* Hofmann,[1898].
1303. **Titanio venustalis** (Lederer,1855) (Pyralidae) Synonym(s): *venustalis* Lederer,1855
1304. **Tretopteryx pertusalis** (Geyer,[1832]) (Pyralidae) Synonym(s): *pertusalis* Geyer,[1832]; *weissenbornii* Freyer
1305. **Trigonuncus euergestalis** Amsel,1953 (Pyralidae) Synonym(s): *euergestalis* Amsel,1953; *#euergestalis* Wiltshire,1957.
1306. **Udea ferrugalis** (Hübner,1796) (Pyralidae) Synonym(s): *ferruginalis* Rossi,1794; *ferrugalis* Hübner,1796; *#ferugalis* Hübner,1796; *martialis* Guenée,1854; *hypatialis* Walker,1859; *testacea* Butler,1879
1307. **Uresiphita polygonalis** ([Denis & Schiffermüller],1775) (Pyralidae) Synonym(s): *polygonalis* [Denis & Schiffermüller],1775; *#limbalis* [Denis & Schiffermüller],1775; *gilvata* Fabricius,1794; *orientalis* Fabricius,1794; *diversalis* Hübner,1796; *rusticalis* Hübner,1796; *aversalis* Guenée,1854; *consanguinalis* Guenée,1854; *teriadalis* Guenée,1854; *deprivalis* Walker,1859; *virescens* Butler,1881; *ochrocrossa* Clarke,1971
1308. **Xanthocrambus argentarius** (Staudinger,1867) (Pyralidae) Synonym(s): *argentarius* Staudinger,1867
1309. **Xanthocrambus saxonellus** (Zincken,1821) (Pyralidae) Synonym(s): *saxonellus* Zincken,1821; *chrysellus* Treitschke,1832; *carentellus* Christoph,1888
1310. **Zophodiodes leucocostella** Ragonot,1887 (Pyralidae) Synonym(s): *leucocostella* Ragonot,1887
1311. **Saturnia (Heraclea) cephalariae** (Romanoff,1885) (Saturniidae) Synonym(s): *cephalariae* Romanoff,1885
1312. **Saturnia (s.str.) pyri** ([Denis & Schiffermüller],1775) (Saturniidae) Synonym(s): *pyri* [Denis & Schiffermüller],1775; *teherana* Lenek,1970; *pinkerae* Kobes,1980.

- 1313. *Arethusana arethusana* ([Denis & Schiffermüller],1775)** (Satyridae) Synonym(s): *arethusana* [Denis & Schiffermüller],1775; *erythia* Hübner,1805; *pontica* Heyne,[1895]; *sultana* Wagner,1929; *hakkarica* Koçak,1975 (sensu Hesselbarth et al.,1995: 917).
- 1314. *Brintesia circe* (Fabricius,1775)** (Satyridae) Synonym(s): *circe* Fabricius,1775; *proserpina* Denis & Schiffermüller,1775; *maga* Fruhstorfer,1909; *venefica* Fruhstorfer,1909; *gabala* Gaillard,1959; *maladettae* Varin,1962.
- 1315. *Chazara* (Neochazara) *anthe* (Hoffmannsegg,1804)** (Satyridae) Synonym(s): *anthe* Hoffmannsegg,1804; *persephone* Hübner,1805; *anthe* Ochsenheimer,1807.
- 1316. *Chazara* (s.str.) *bischoffi* (Herrich-Schäffer,[1846])** (Satyridae) Synonym(s): *bischoffi* Herrich-Schäffer,[1846]
- 1317. *Chazara* (s.str.) *briseis* (Linnaeus,1764)** (Satyridae) Synonym(s): *briseis* Linnaeus,1764; *daedale* Bergsträßer,1780; *bataia* Fruhstorfer,1909; *interjecta* Verity,1916; *variabilis* Varin,1958; *pictonica* Varin,1958.
- 1318. *Chazara* (s.str.) *egina* (Staudinger,[1892])** (Satyridae) Synonym(s): *egina* Staudinger,[1892]; *aisha* Rose,1986.
- 1319. *Coenonympha* (s.str.) *glycerion* (Borkhausen,1788)** (Satyridae) Synonym(s): *iphis* [Denis & Schiffermüller],1775 *nec* Dru.,1773; *amyntas* auctorum; *glycerion* Borkhausen,1788; *hero* Fabricius,1793 *nec* Linnaeus,1761; *manto* Schrank,1801; *mandane* Kirby,1862; *tiphonides* Staudinger,1901.
- 1320. *Coenonympha* (s.str.) *leander* (Fabricius,1787)** (Satyridae) Synonym(s): *#leander* Esper,[1784]; *leander* Fabricius,1787
- 1321. *Coenonympha* (s.str.) *pamphilus* (Linnaeus,1758)** (Satyridae) Synonym(s): *pamphilus* Linnaeus,1758; *menalcas* Poda,1761; *nephele* Hufnagel,1766; *marginata* Heyne,1894; *orantia* Fruhstorfer,1908; *scota* Verity,1911; *infrarasa* Verity,1926; *juldusica* Verity,1926; *asiaemontium* Verity,1926; *euxina* Verity,1926; *posteuxina* Verity,1926; *londonii* Verity,1926; *neolyllus* De Lattin,1950
- 1322. *Coenonympha* (s.str.) *saadi* (Kollar,[1849])** (Satyridae) Synonym(s): *saadi* Kollar,[1849]; *iphias* Eversmann,1851.
- 1323. *Esperarge* (s.str.) *clymene* (Fabricius,1787)** (Satyridae) Synonym(s): *#climene* Esper,[1783]; *clymene* Fabricius,1787; *boroeas* Latreille,1803; *synclimene* Hübner,[1819].
- 1324. *Hipparchia* (Neohipparchia) *fatua* (Freyer,1844)** (Satyridae) Synonym(s): *fatua* Freyer,1844; *sichaea* Lederer,1857; *insularis* Turati,1929; *elineata* Verity,1937; *infracastanea* Verity,1938; *kosswigi* De Lattin,1950.
- 1325. *Hipparchia* (Neohipparchia) *parisatis* (Kollar,[1849])** (Satyridae) Synonym(s): *parisatis* Kollar,[1849]; *macrophthalmus* Eversmann,1851; *malatinus* Heyne,1894; *ismail* Gross & Ebert,1975; *huochenensis* Huang & Zhou,2000.
- 1326. *Hipparchia* (Neohipparchia) *statilinus* (Hufnagel,1766)** (Satyridae) Synonym(s): *statilinus* Hufnagel,1766; *fauna* Sulzer,1776 *nec* Drury,1773; *allionia* Fabricius,1781; *actaea* sensu Villers,1789; *arachne* Esper,1789 *nec* Denis & Schiff.,1775; *allionii* Hübner,1826, etc.
- 1327. *Hipparchia* (Parahipparchia) *pellucida* (Stauder,1924)** (Satyridae) Synonym(s): *pellucida* Stauder,1924; *cotys* Jachontov,1935; *hesselbarthi* Kudrna,1976.
- 1328. *Hipparchia* (s.str.) *syriaca* (Staudinger,1871)** (Satyridae) Synonym(s): *syriaca* Staudinger,1871; *attikana* Fruhstorfer,1907; *meschetica* Jachontov,1915; *tokatensis* Gross,1959.
- 1329. *Hyponephele* (s.str. (Ereminephele)) *naricoides* Gross,1977** (Satyridae) Synonym(s): *naricoides* Gross,1977
- 1330. *Hyponephele* (s.str. (Iranonephele)) *kocaki* Eckweiler,1978** (Satyridae) Synonym(s): *kocaki* Eckweiler,1978
- 1331. *Hyponephele* (s.str. (Tengrinephele)) *cadusia* (Lederer,1869)** (Satyridae) Synonym(s): *cadusia* Lederer,1869
- 1332. *Hyponephele* (s.str. (Turaninephele)) *wagneri* (Herrich-Schäffer,[1846])** (Satyridae) Synonym(s): *wagneri* Herrich-Schäffer,[1846]; *schmidtii* Bang-Haas,1927.
- 1333. *Hyponephele* (s.str.) *lupina* (Costa,[1836])** (Satyridae) Synonym(s): *lupina* Costa,[1836]
- 1334. *Hyponephele* (s.str.) *lycaon* (Rottemburg,1775)** (Satyridae) Synonym(s): *lycaon* Rottemburg,1775; *#lycaon* Kuhn,1774; *eudora* Esper,1778; *janirula* Esper,1800; *rufomaculata* Korb,2005
- 1335. *Hyponephele* (s.str.) *lycaonoides* Weiss,1978** (Satyridae) Synonym(s): *lycaonoides* Weiss,1978
- 1336. *Hyponephele* (s.str.) *zuvandica* Samodurov & Koroljev,1996** (Satyridae) Synonym(s): *zuvandica* Samodurov & Koroljev,1996; *#zuvandi* Korb,2000
- 1337. *Kirinia* (Melike) *roxelana* (Cramer,[1777])** (Satyridae) Synonym(s): *roxelana* Cramer,[1777]; *#anatolica* Koçak,1989
- 1338. *Lasiommata maera* (Linnaeus,1758)** (Satyridae) Synonym(s): *maera* Linnaeus,1758; *pandion* Poda,1761; *hiera* Fab.,1777; *maja* Fuchs,1873; *monotonia* Schilde,1885; *crimea* Bang-Haas,1907; *atabryris* Fruhstorfer,1909.
- 1339. *Lasiommata megera* (Linnaeus,1767)** (Satyridae) Synonym(s): *megera* Linnaeus,1767; *caledonia* Verity,1911; *alticola* Verity,1911; *pseudoadrasta* Stauder,1922; *infrapallens* Verity,1922; *ocellator* Verity,1923; *pallidedepulverata* Verity,1923.
- 1340. *Lasiommata menava* Moore,1865** (Satyridae) Synonym(s): *menava* Moore,1865.
- 1341. *Maniola* (Telmessiola) *telmessia* (Zeller,1847)** (Satyridae) Synonym(s): *telmessia* Zeller,1847; *pallescent* Butler,1868; *kurdistan* Heyne,1894; *oreas* Le Cerf,1912; *maniolides* Le Cerf,1912; *ornata* Turati & Fiori,1930; *marenigrans* Verity,1938; *pelekasii* Kattulas & Koutsaftikis,1978.
- 1342. *Maniola* (s.str.) *jurtina* (Linnaeus,1758)** (Satyridae) Synonym(s): *jurtina* Linnaeus,1758; *janira* Linnaeus,1758; *lemur* Schrank,1801.
- 1343. *Melanargia* (Parce) *rossiae* (Esper,[1784])** (Satyridae) Synonym(s): *rossiae* Esper,[1784]; *suwarovius* Herbst,1796; *clotho* Hübner,[1800]; *varalauko* Korb,2005
- 1344. *Melanargia* (Turcargia) *hylata* (Ménétriés,1832)** (Satyridae) Synonym(s): *hylata* Ménétriés,1832

1345. **Melanargia (Turcargia) syriaca (Oberthür,1894)** (Satyridae) Synonym(s): *syriaca* Oberthür,1894
1346. **Pseudochazara (Achazara) anthelea (Hübner,[1824])** (Satyridae) Synonym(s): *anthelea* Hübner,[1824]; *atavirensis* Coutsis,1973.
1347. **Pseudochazara (s.str.) beroe (Freyer,[1843])** (Satyridae) Synonym(s): *beroe* Freyer,[1843]
1348. **Pseudochazara (s.str.) geyeri (Herrich-Schäffer,[1846])** (Satyridae) Synonym(s): *geyeri* Herrich-Schäffer,[1846]; *aristonicus* Fruhstorfer,[1911]; *selim* Gross,1978, *karsicola* Gross,1978
1349. **Pseudochazara (s.str.) mamurra (Herrich-Schäffer,[1846])** (Satyridae) Synonym(s): *mamurra* Herrich-Schäffer,[1846]; *sintensis* Staudinger,1895
1350. **Pseudochazara (s.str.) pelopea (Klug,1832)** (Satyridae) Synonym(s): *pelopea* Klug,1832
1351. **Satyrus (Asatyrus (s.str.)) iranica (Schwingschuss,1939)** (Satyridae) Synonym(s): *iranica* Schwingschuss,1939; *kyros* Gross & Ebert,1975.
1352. **Satyrus (s.str.(s.str.)) favonius Staudinger,[1892]** (Satyridae) Synonym(s): *favonius* Staudinger,[1892]
1353. **Satyrus (s.str.(s.str.)) parthicus Lederer,1869** (Satyridae) Synonym(s): *parthicus* Lederer,1869; *pimpla* sensu Wiltshire,1957
1354. **Scythris (pascuella-gr.) tabescentella (Staudinger,1880)** (Scythridae) Synonym(s): *tabescentella* Staudinger,1880; ? *caniolella* Fuchs,1903
1355. **Scythris (scopolella-gr.) apicalis (Zeller,1847)** (Scythridae) Synonym(s): *apicalis* Zeller,1847; *unipunctella* Rebel,1901.
1356. **Bembecia (Pseudosphecia) stiziformis (Herrich-Schäffer,1851)** (Sesiidae) Synonym(s): *stiziformis* Herrich-Schäffer,1851; *kara* De Freina,1983; *tubercula* De Freina,1983; *barbarossa* De Freina,1983.
1357. **Bembecia hofmanni Kallies & K.Spatenka,2003** (Sesiidae) Synonym(s): *hofmanni* Kallies & K.Spatenka,2003
1358. **Bembecia sanguinolenta (Lederer,1853)** (Sesiidae) Synonym(s): *sanguinolenta* Lederer,1853
1359. **Chamaesphecia aurifera (Romanoff,1885)** (Sesiidae) Synonym(s): *aurifera* Romanoff,1885
1360. **Chamaesphecia doryceraeformis (Lederer,1853)** (Sesiidae) Synonym(s): *doryceraeformis* Lederer,1853
1361. **Chamaesphecia elampiformis (Herrich-Schäffer,1851)** (Sesiidae) Synonym(s): *elampiformis* Herrich-Schäffer,1851
1362. **Chamaesphecia sefid Le Cerf,1938** (Sesiidae) Synonym(s): *sefid* Le Cerf,1938; *modica* Le Cerf,1938; *vanensis* Gorbunov,2001
1363. **Paranthrene diaphana Dalla-Torre & Strand,1925** (Sesiidae) Synonym(s): *diaphana* Dalla-Torre & Strand,1925
1364. **Synanthedon vespiformis (Linnaeus,1761)** (Sesiidae) Synonym(s): *vespiformis* Linnaeus,1761; *asiliformis* Rottemburg,1775; *oestriformis* Rottemburg,1775; *cynipiformis* Esper,1783; *chrysorrhoea* Donovan,1795
1365. **Negotinthia hoplisiformis (Mann,1864)** (Sesiidae) Synonym(s): *hoplisiformis* Mann,1864
1366. **Microsphecia tineiformis (Esper,[1789])** (Sesiidae) Synonym(s): *tineiformis* Esper,[1789]; *aselliformis* Rossi,1794.
1367. **Agrius convolvuli (Linnaeus,1758)** (Sphingidae) Synonym(s): *convolvuli* Linnaeus,1758; *abadonna* Fabricius,1798; *pseudofasciatus* Koch,1865; *pseudoconvolvuli* Schaufuss,1870; *orientalis* Butler,1876; *distans* Butler,1876; *batatae* Christ,1882; *nigricans* Cannaviello,1900; *ichangensis* Tutt,1904; *javanensis* Tutt,1904; *tahitiensis* Tutt,1904; *indica* Skell,1913; *marshallensis* Clark,1922; *aksuensis* O.Bang-Haas,1927
1368. **Akbesia davidi (Oberthür,1884)** (Sphingidae) Synonym(s): *davidi* Oberthür,1884
1369. **Clarina kotschy (Kollar,[1849])** (Sphingidae) Synonym(s): *kotschy* Kollar,[1849]; *mardina* Staudinger,1901.
1370. **Deilephila suellus Staudinger,1878** (Sphingidae) Synonym(s): *suellus* Staudinger,1878; *kuruschi* O.Bang-Haas,1938.
1371. **Dolbina elegans (A.Bang-Haas,1912)** (Sphingidae) Synonym(s): *elegans* A.Bang-Haas,1912; *steffensi* Popescu-Gorj,1971.
1372. **Hemaris (Cochrania) croatica (Esper,[1779])** (Sphingidae) Synonym(s): *croatica* Esper,[1779]; *sesia* Hübner,[1806]; *#obscurata* Closs,1911; *#rangnowi* Closs,1911.
1373. **Hemaris (Eitschbergera) tityus (Linnaeus,1758)** (Sphingidae) Synonym(s): *tityus* Linnaeus,1758; *bombyliiformis* Linnaeus,1758; *knautiae* Zeller,1869; *scabiosae* Zeller,1869; *alaiana* Rothschild & Jordan,1903; *karaugomica* Wojtusiak & Niesiolowski,1946; *#tityrus* De Freina,1983; *saldaitisi* Eitschberger, Danner & Surholt,1998
1374. **Hemaris (s.str.) syra (Daniel,1939)** (Sphingidae) Synonym(s): *syra* Daniel,1939; *#syriaca* Müller, Kravchenko, Li, Eitschberger, Hausmann, Miller, Orlova, Ortal, Speidel, Witt,2005
1375. **Hyles conspicua (Rothschild & Jordan,1903)** (Sphingidae) Synonym(s): *conspicua* Rothschild & Jordan,1903.
1376. **Hyles hippophaes (Esper,[1789])** (Sphingidae) Synonym(s): *hippophaes* Esper,[1789]; *teriolensis* Dannehl,1929; *kiortsii* Koutsafikis,1974; *#hippophaeas* De Freina,1981
1377. **Hyles nicaea (Prunner,1798)** (Sphingidae) Synonym(s): *nicaea* Prunner,1798; *cyparissiae* Hübner,[1813]; *#nicaea* De Freina,1981
1378. **Laothoe populeti (Bienert,[1870])** (Sphingidae) Synonym(s): *populeti* Bienert,[1870]; *populetorum* Staudinger,1887; *syriaca* Gehlen,1932; *intermedia* Gehlen,1934.
1379. **Macroglossum stellatarum (Linnaeus,1758)** (Sphingidae) Synonym(s): *stellatarum* Linnaeus,1758; *nigra* Cosmovici,1892.
1380. **Marumba quercus ([Denis & Schiffermüller],1775)** (Sphingidae) Synonym(s): *quercus* [Denis & Schiffermüller],1775; *denisii* Fuessly,1779; *#brunnescens* Rebel,1910; *#canescens*, *pallescent* Closs,1922; *mesopotamica* O.Bang-Haas,1938; *schirasi* O.Bang-Haas,1938; *#pallida* Vilarrubia,1973.



- 1381. Proserpinus proserpinus (Pallas,1772)** (Sphingidae) *Synonym(s): proserpinus Pallas,1772; oenotherae [Denis & Schiffermüller],1775; schiffermülleri Fuessly,1779; francfurtana Fabricius,1781; aenotheroides Butler,[1876], maxima Grun-Grshimailo,1887; japetus Grun-Grshimailo,1890; gigas Oberthür,1922.*
- 1382. Rethera komarovi (Christoph,1885)** (Sphingidae) *Synonym(s): komarovi Christoph,1885; #kamarowi Wagner,1931; rjabovi O.Bang-Haas,1934; #albocingulata O.Bang-Haas,1934; #roseocingulata O.Bang-Haas,1937*
- 1383. Smerinthus kindermanni Lederer,1852** (Sphingidae) *Synonym(s): kindermanni Lederer,1852; #obscura Closs,1917*
- 1384. Tethea ocularis (Linnaeus,1767)** (Thyatiridae) *Synonym(s): ocularis Linnaeus,1767; octogena Esper,1788; kosswigi Werny,[1967]; caucasica Werny,[1967] nec Krul.,1901*
- 1385. Hapsifera luridella Zeller,1847** (Tineidae) *Synonym(s): luridella Zeller,1847; baliopsamma Meyrick,1921; pustulatella Lucas,1942 nec Zell.,1852; eburnea Butler,1881; palaestinensis Rebel,1901; kerbelella Amsel,1949*
- 1386. Aethes eryngiella (Vallot,1829)** (Tortricidae) *Synonym(s): eryngiella Vallot,1829; flagellana Duponchel,1836; helvticana Heyden,1865; eryngiana Heyden,1865; sardoa Amsel,1952.*
- 1387. Aethes iranica Razowski,1963** (Tortricidae) *Synonym(s): iranica Razowski,1963*
- 1388. Aethes moribundana (Staudinger,1859)** (Tortricidae) *Synonym(s): moribundana Staudinger,1859; respirantana Staudinger,1879; dispersana Kennel,1899; dilutana Kennel,1899; helvolana Kennel,1900; lanceolata Filipjev,1924.*
- 1389. Aethes spirana (Kennel,1899)** (Tortricidae) *Synonym(s): spirana Kennel,1899*
- 1390. Aethes tesserana ([Denis & Schiffermüller],1775)** (Tortricidae) *Synonym(s): tesserana [Denis & Schiffermüller],1775; aleella Sulzer,1776; heiserana Fabricius,1787; groendalana Thunberg,1791.*
- 1391. Aethes tornella (Walsingham,1898)** (Tortricidae) *Synonym(s): tornella Walsingham,1898*
- 1392. Aleimma loeflingianum (Linnaeus,1758)** (Tortricidae) *Synonym(s): loeflingiana Linnaeus,1758; mixtana Fabricius,1794; plumbana Hübner,[1799]; ectypana Hübner,[1800]; plumbeolana Haworth,1811*
- 1393. Aphelia (Zelotheres) ochreana (Hübner,[1799])** (Tortricidae) *Synonym(s): ferugana Hübner,1793 (homonym); ochreana Hübner,[1799]; shaqlawana Amsel,1955; chretieni Obraztsov,1957*
- 1394. Archips xylosteanus (Linnaeus,1758)** (Tortricidae) *Synonym(s): xylosteana Linnaeus,1758; obliquana Fabricius,1781; westriniana Thunberg,1784; densata Fourcroy,1785; densana Villers,1789; characterana Hübner,1793; hybnerana Fabricius,1794; pallens Kennel,1901*
- 1395. Cnephasia (s.str.) chrysanthæana (Duponchel,1843)** (Tortricidae) *Synonym(s): chrysanthæana Duponchel,1843; cinareana Chrétien,1892; #cinereana Meyrick,1912*
- 1396. Cochylimorpha diana (Kennel,1899)** (Tortricidae) *Synonym(s): diana Kennel,1899; iraniana Razowski,1963.*
- 1397. Cochylimorpha eburneana (Kennel,1899)** (Tortricidae) *Synonym(s): eburneana Kennel,1899*
- 1398. Cochylimorpha thomasi Karisch,2003** (Tortricidae) *Synonym(s): thomasi Karisch,2003*
- 1399. Cochylis posterana Zeller,1847** (Tortricidae) *Synonym(s): posterana Zeller,1847; nubivagana Zerny,1935*
- 1400. Crocidosema plebejana Zeller,1847** (Tortricidae) *Synonym(s): plebejana Zeller,1847; altheana Mann,1855; lavaterana Millière,1863; peregrinana Möschler,1866; obscura Wollaston,1879; blackburnii Butler,1881; signatana Walsingham,1894; ptiladelpha Meyrick,1917; insulana Aurivillius,1922; synneurota Meyrick,1926; tornocycla Turner,1946; charmera Turner,1946.*
- 1401. Croesia forsskalæana (Linnaeus,1758)** (Tortricidae) *Synonym(s): forsskalæana Linnaeus,1758; forskaliana Haworth,1811.*
- 1402. Cydia pomonella (Linnaeus,1758)** (Tortricidae) *Synonym(s): pomonella Linnaeus,1758; pomona Fabricius,1775; pomonana [Denis & Schiffermüller],1775; nitens Fourcroy,1785; aeneana Villers,1789; putaminana Staudinger,1859*
- 1403. Dichrorampha ligulana (Herrich-Schäffer,1851)** (Tortricidae) *Synonym(s): ligulana Herrich-Schäffer,1851; plusiana Staudinger,1871; oblitterana Müller-Rutz,1934*
- 1404. Epiblema foenellum (Linnaeus,1758)** (Tortricidae) *Synonym(s): foenella Linnaeus,1758; hohenwartiana Scopoli,1772; scopoliana [Denis & Schiffermüller],1775; pflugiana Fabricius,1787; tibialana Hübner,[1793]; interrogationana Donovan,1793; clavigerana Walker,1863; sinicana Walker,1863*
- 1405. Epinotia festiva (Hübner,[1799])** (Tortricidae) *Synonym(s): festiva Hübner,[1799]*
- 1406. Eudemis (s.str.) porphyra (Hübner,[1799])** (Tortricidae) *Synonym(s): porphyra Hübner,[1799]; pomedaxana Pierce & Metcalfe,1915*
- 1407. Eugnosta magnificana (Rebel,1914)** (Tortricidae) *Synonym(s): margaritana Hübner,[1813] nec Haw.,[1811]; ? norvichiana Hübner,[1817] [nomina dubia!]; magnificana Rebel,1914.*
- 1408. Fulvoclysia subdolana (Kennel,1901)** (Tortricidae) *Synonym(s): subdolana Kennel,1901; subflavana Amsel,1959*
- 1409. Cydia caecana (Schläger,1847)** (Tortricidae) *Synonym(s): caecana Schläger,1847; obcaecana Ragonot,1876*
- 1410. Metendothenia atropunctana (Zetterstedt,1839)** (Tortricidae) *Synonym(s): atropunctana Zetterstedt,1839; ochromelana Guenée,1845*
- 1411. Pammene amygdalana (Duponchel,1842)** (Tortricidae) *Synonym(s): amygdalana Duponchel,1842*
- 1412. Pammene gallicolana (Lienig & Zeller,1846)** (Tortricidae) *Synonym(s): gallicolana Lienig & Zeller,1846*
- 1413. Pandemis cinnamomeana (Treitschke,1830)** (Tortricidae) *Synonym(s): croceana Hübner,[1799]; croceana Frölich,1828 (praeocc.); cinnamomeana Treitschke,1830; basana Zerny,1935*
- 1414. Paramesia gnoma (Clerck,1759)** (Tortricidae) *Synonym(s): #gnomana Clerck,1759; costana [Denis & Schiffermüller],1775; livoniana Sodoffsky,1829; diffusana Kennel,1899; montedorea Wehrli,1925; schawerdae Rebel,1926; aetnana Zerny,1943.*
- 1415. Phtheochroa duponchelana (Duponchel,1843)** (Tortricidae) *Synonym(s): duponchelana Duponchel,1843; duponcheliana Costa,1847; gloriosana Herrich-Schäffer,1851; syriaca Walsingham,1900*

1416. **Pseudeulia asinana (Hübner,[1799])** (Tortricidae) Synonym(s): *asinana* Hübner,[1799]
1417. **Thiodia citrana (Hübner,[1799])** (Tortricidae) Synonym(s): *citrana* Hübner,[1799]; *libanicolana* Obratzsov,1964.
1418. **Thiodia couleruana (Duponchel,1835)** (Tortricidae) Synonym(s): *couleruana* Duponchel,1835; *castiliana* Caradja,1917; *pseudodelitanus* Obratzsov,1952
1419. **Tortrix viridana (Linnaeus,1758)** (Tortricidae) Synonym(s): *viridana* Linnaeus,1758; *suttneriana* [Denis & Schiffermüller],1775; *flavipes* Fourcroy,1785; *flavana* Zincken,1821 nec Hübner,[1799]; *coeruleana* Sorhagen,1881.
1420. **Plutella (s.str.) xylostella (Linnaeus,1758)** (Yponomeutidae) Synonym(s): *xylostella* Linnaeus,1758; *cinerea* Fourcroy,1785 nec Hufn.,1766; *xylostei* Fabricius,1798; *maculipennis* Curtis,1832; *niveella* Zeller,1839; *cruciferarum* Zeller,1843; *brassicella* Fitch,1856; *limbipennella* Clemens,1860; *mollipedella* Clemens,1860; *cicerella* Rondani,1876; *dubiosella* Beutenmüller,1889; *albovenosa* Walsingham,1897; *megapterella* Bentinck,1943
1421. **Yponomeuta malinellus Zeller,1838** (Yponomeutidae) Synonym(s): *malinellus* Zeller,1838
1422. **Adscita (s.str.) obscura (Zeller,1847)** (Zygaenidae) Synonym(s): *obscura* Zeller,1847; *anceps* Staudinger,1862.
1423. **Adscita (s.str.) storaiae (Tarmann,1977)** (Zygaenidae) Synonym(s): *storaiae* Tarmann,1977
1424. **Jordanita (Lucasiterna) subsolana (Staudinger,1862)** (Zygaenidae) Synonym(s): *subsolana* Staudinger,1862
1425. **Jordanita (Praviela) anatolica (Naufock,1929)** (Zygaenidae) Synonym(s): *anatolica* Naufock,1929; *levantina* Jordan,1931; *pfeifferi* Naufock,1935; ? *christinae* Keil,1998.
1426. **Jordanita (Rjabovia) horni (Alberti,1937)** (Zygaenidae) Synonym(s): *horni* Alberti,1937; *#armena* Alberti,1970.
1427. **Jordanita (Roccia) volgensis (Möschler,1862)** (Zygaenidae) Synonym(s): *volgensis* Möschler,1862
1428. **Jordanita (Tremewania) notata (Zeller,1847)** (Zygaenidae) Synonym(s): *notata* Zeller,1847
1429. **Jordanita (s.str.) graeca (Jordan,1907)** (Zygaenidae) Synonym(s): *graeca* Jordan,1907
1430. **Zygaena (Agrumenia) carniolica (Scopoli,1763)** (Zygaenidae) Synonym(s): *carniolica* Scopoli,1763; *nigra* Dziurzynski,1909; *transiensnigra* Dziurzynski,1909
1431. **Zygaena (Agrumenia) olivieri Boisduval,1828** (Zygaenidae) Synonym(s): *olivieri* Boisduval,1828; *cremonae* Seitz,1907
1432. **Zygaena (Agrumenia) sedi Fabricius,1787** (Zygaenidae) Synonym(s): *sedi* Fabricius,1787
1433. **Zygaena (Mesembrynus) brizae (Esper,1800)** (Zygaenidae) Synonym(s): *brizae* Esper,1800
1434. **Zygaena (Mesembrynus) cambysea Lederer,1870** (Zygaenidae) Synonym(s): *cambysea* Lederer,1870
1435. **Zygaena (Mesembrynus) cuvieri Boisduval,1828** (Zygaenidae) Synonym(s): *cuvieri* Boisduval,1828
1436. **Zygaena (Mesembrynus) haematina Kollar,[1849]** (Zygaenidae) Synonym(s): *haematina* Kollar,[1849]
1437. **Zygaena (Mesembrynus) lydia Staudinger,1887** (Zygaenidae) Synonym(s): *lydia* Staudinger,1887
1438. **Zygaena (Mesembrynus) manlia Lederer,1870** (Zygaenidae) Synonym(s): *manlia* Lederer,1870
1439. **Zygaena (Mesembrynus) minos ([Denis & Schiffermüller],1775)** (Zygaenidae) Synonym(s): *minos* [Denis & Schiffermüller],1775.
1440. **Zygaena (Mesembrynus) purpuralis (Brünnich,1763)** (Zygaenidae) Synonym(s): *purpuralis* Brünnich,1763; *pythia* Fabricius,1777; *scabiosae* Scheven,1777; *pilosellae* Esper,1780; *pluto* Ochsenheimer,1808; *pasiphae* Meigen,[1829]; *tatvanica* Reiss & Reiss,1973.
1441. **Zygaena (Mesembrynus) rubricollis Hampson,1900** (Zygaenidae) Synonym(s): *rubricollis* Hampson,1900
1442. **Zygaena (Mesembrynus) tamara Christoph,1889** (Zygaenidae) Synonym(s): *tamara* Christoph,1889
1443. **Zygaena (s.str.) filipendulae (Linnaeus,1758)** (Zygaenidae) Synonym(s): *filipendulae* Linnaeus,1758; *aries* Retzius,1783
1444. **Zygaena (s.str.) lonicerae (Scheven,1777)** (Zygaenidae) Synonym(s): *lonicerae* Scheven,1777; *graminis* Villers,1789; *rechei* Dujardin,1965; *microdoxa* Dujardin,1965
1445. **Zygaena (Agrumenia) loti ([Denis & Schiffermüller],1775)** (Zygaenidae) Synonym(s): *loti* [Denis & Schiffermüller],1775; *fulvia* Fabricius,1777



**Fig. 20-** *Axia theresiae* (Cimeliidae) from Van Prov., Gevaş, Artos Mt. 1950m 14 7 2012 M Kemal (Cesa)



**Fig.21** - *Eupithecia gratiosata* (Geometridae) from Van Prov., Gevaş, Göründü 1680m 26 6 2011 M Kemal (Cesa)





**Fig. 22** - *Heliodines roesella* (Heliodinidae) from Van Prov., Kurubaş geçidi 2150m 8 6 2012 M Kemal (Cesa)



**Fig.23-** *Satyrium w-album* (Lycaenidae) from Van Prov., Gevaş Yoldöndü 2000m 16 7 2011 M Kemal (Cesa)



**Fig.24-** *Polyommatus rosei* (Lycaenidae) from Van Prov., Kurubaş geçidi 2150m 10 6 2012 M Kemal (Cesa)



**Fig.25 -** *Aedophron phlebophora* (Noctuidae) from Van Prov., Gevaş, Artos Mt. 1950m 15 7 2012 M Kemal (Cesa)



**Fig. 26-** *Eublemma polygrammum* (Noctuidae) from Van Prov., Gevaş, Artos Mt. 1950m 15 7 2012 M Kemal (Cesa)



**Diptera**

Totally, 181 species have been listed below (**Figs. 27-33**).

1446. **Ogcodes formosus** Loew,1873 (Acroceridae) Synonym(s): *formosus* Loew,1873
1447. **Bibio marci** (Linnaeus,1758) (Bibionidae) Synonym(s): *marci* Linnaeus,1758; *brevicornis* Linnaeus,1758; *crassipes* Harris,1776; *funerosus* Harris,1776; *pusillus* Macquart,1846
1448. **Anastoechus hyrcanus** (Wiedemann,1818) (Bombyliidae) Synonym(s): *hyrcanus* Wiedemann,1818; *viduus* Becker,1916
1449. **Bombylella atra** (Scopoli,1763) (Bombyliidae) Synonym(s): *ater* Scopoli,1763; *#quartus* Schaeffer,1768; *uralensis* Gmelin,1790; *barbulus* Pallas,1818; *lugubris* Loew,1855
1450. **Bombylisoma brevisculum** (Loew,1855) (Bombyliidae) Synonym(s): *breviusculum* Loew,1855
1451. **Bombylius (s.str.) discolor** Mikan,1796 (Bombyliidae) Synonym(s): *discolor* Mikan,1796
1452. **Bombylius (s.str.) medius** Linnaeus,1758 (Bombyliidae) Synonym(s): *medius* Linnaeus,1758; *punctatus* De Geer,1776; *concolor* Mikan,1796; *discolor* Meigen,1804; *tectus panzer*,1804; *intermedius* Walker,1849; *albomicans* Loew,1855; *pictipennis* Loew,1855; *pallipes* Loew,1855; *dalmatina* Strobl,1902 nec Lw.,1855; *poecilopterus* Bezzi,1925; *caucasicus* Paramonov,1940; *varipennis* Evenhuis,1978
1453. **Caecanthrax arabicus** (Macquart,1840) (Bombyliidae) Synonym(s): *arabicus* Macquart,1840; *punctum* Loew,1854; *dimidiatus* Greathead,1980
1454. **Callostoma fascipenne** Macquart,1840 (Bombyliidae) Synonym(s): *fascipenne* Macquart,1840; *palaestinae* Paramonov,1931
1455. **Cononedys stenura** (Loew,1871) (Bombyliidae) Synonym(s): *stenura* Loew,1871
1456. **Cyllenia marginata** Loew,1846 (Bombyliidae) Synonym(s): *marginata* Loew,1846
1457. **Cytherea obscura** Fabricius,1794 (Bombyliidae) Synonym(s): *obscura* Fabricius,1794; *tauriacus* Becker,1903
1458. **Chalcochiton pallasii** (Loew,1856) (Bombyliidae) Synonym(s): *pallasii* Loew,1856; *schineri* Nowicki,1868
1459. **Exoprosopa baccha** Loew,1869 (Bombyliidae) Synonym(s): *baccha* Loew,1869
1460. **Exoprosopa ahtamara** Dils & Özbek,2007 (Bombyliidae) Synonym(s): *ahtamara* Dils & Özbek,2007
1461. **Exoprosopa pandora** (Fabricius,1805) (Bombyliidae) Synonym(s): *pandora* Fabricius,1805
1462. **Exoprosopa minoides** Paramonov,1928 (Bombyliidae) Synonym(s): *minoides* Paramonov,1928
1463. **Exoprosopa minos** (Meigen,1804) (Bombyliidae) Synonym(s): *minos* Meigen,1804; *semialba* Pallas & Wiedemann,1818; *germari* Wiedemann,1818; *senilis* Klug,1832; *albiventris* Macquart,1840
1464. **Exoprosopa pectoralis** Loew,1862 (Bombyliidae) Synonym(s): *pectoralis* Loew,1862
1465. **Exoprosopa melaena** Loew,1874 (Bombyliidae) Synonym(s): *melaena* Loew,1874; *abbreviata* Paramonov,1928
1466. **Hemipenthes morio** (Linnaeus,1758) (Bombyliidae) Synonym(s): *morio* Linnaeus,1758; *semitra* Meigen,1820; *morioides* Say,1823
1467. **Hemipenthes velutinus** (Meigen,1820) (Bombyliidae) Synonym(s): *velutinus* Meigen,1820; *bicincta* Wiedemann,1820; *nycthemera* Wiedemann,1820
1468. **Heteralonia (Zygodiola) aeaca** (Meigen,1804) (Bombyliidae) Synonym(s): *aeaca* Meigen,1804; *livida* Pallas,1818; *bombyciformis* Dufour,1833; *lutea* Macquart,1840
1469. **Heteralonia (subgen?) dispar** (Loew,1869) (Bombyliidae) Synonym(s): *dispar* Loew,1869
1470. **Heteralonia (Homolonia) megerlei** (Meigen,1820) (Bombyliidae) Synonym(s): *megerlei* Meigen,1820; *consanguinea* Macquart,1840; *egyptiaca* Macquart,1840; *campicola* Eversmann,1855; *mayeti* Bigot,1888; *aegyptiacus* Bezzi,1903; *compar* Bezzi,1924; *deserticola* Paramonov,1928; *turanica* Paramonov,1928; *conspicienda* Austen,1937
1471. **Heteralonia (Acrodisca) suffusa** (Klug,1832) (Bombyliidae) Synonym(s): *suffusa* Klug,1832; *conturbata* Loew,1869
1472. **Lomatia belzebul** (Fabricius,1794) (Bombyliidae) Synonym(s): *belzebul* Fabricius,1794
1473. **Micomitra stupida** (Rossi,1790) (Bombyliidae) Synonym(s): *stupida* Rossi,1790; *rhadamanthus* Meigen,1804; *chalcoides* Pallas,1818; *vitricosta* Walker,1849; *vitricosta* Walker,1849; *squamea* Mulsant,1852
1474. **Pachyanthrax telamon** (Loew,1869) (Bombyliidae) Synonym(s): *telamon* Loew,1869; *loevi* Paramonov,1928; *loewi* Zaitzev,1989
1475. **Spogostylum caucasicum** (Zaitzev,1961) (Bombyliidae) Synonym(s): *caucasicum* Zaitzev,1961
1476. **Spogostylum tripunctatum** (Wiedemann,1820) (Bombyliidae) Synonym(s): *tripunctatum* Wiedemann,1820; *difficilis* Wiedemann,1820; *mystaceum* Macquart,1840
1477. **Systoechus ctenopterus** (Mikan,1796) (Bombyliidae) Synonym(s): *ctenopterus* Mikan,1796; *sulphureus* Mikan,1796; *aurulentus* Wiedemann,1820; *fulvus* Meigen,1820; *dalmatinus* Loew,1855; *convergens* Loew,1855; *orientalis* Zakhvatkin,1954
1478. **Thyridanthrax incanus** (Klug,1832) (Bombyliidae) Synonym(s): *incanus* Klug,1832; *testacea* Macquart,1840; *varipennis* Macquart,1849
1479. **Thyridanthrax perspicillaris** (Loew,1869) (Bombyliidae) Synonym(s): *perspicillaris* Loew,1869; *gallus* Loew,1869; *hispanus* Loew,1869; *ternarius* Bezzi,1920; *idolus* Hesse,1956; *speciosus* Hesse,1956; *hessei* Bowden,1964
1480. **Toxophora fasciculata** (Villers,1789) (Bombyliidae) Synonym(s): *fasciculata* Villers,1789; *maculata* Rossi,1790 nec Müll.,1764; *completa* Paramonov,1933
1481. **Villa hottentotta** (Linnaeus,1758) (Bombyliidae) Synonym(s): *hottentotta* Linnaeus,1758; *nugator* Harris,1780
1482. **Villa laevis** Becker,1915 (Bombyliidae) Synonym(s): *laevis* Becker,1915

1483. *Villa mouchai* François, 1969 (Bombyliidae) Synonym(s): *mouchai* François, 1969
1484. *Ablabemyia monilis* (Linnaeus, 1758) (Chironomidae) Synonym(s): *monilis* Linnaeus, 1758
1485. *Ablabemyia phatta* (Egger, 1896) (Chironomidae) Synonym(s): *phatta* Egger, 1896
1486. *Apsectrotamypus trifascipennis* (Zetterstedt, 1850) (Chironomidae) Synonym(s): *trifascipennis* Zetterstedt, 1850
1487. *Conchapelopia* sp. (Chironomidae) Synonym(s):
1488. *Paramerina cingulata* (Walker, 1856) (Chironomidae) Synonym(s): *cingulata* Walker, 1856
1489. *Procladius* sp. (Chironomidae) Synonym(s):
1490. *Tanypus punctipennis* Meigen, 1818 (Chironomidae) Synonym(s): *punctipennis* Meigen, 1818
1491. *Thienemannimyia lentiginosa* (Fries, 1830) (Chironomidae) Synonym(s): *lentiginosa* Fries, 1830
1492. *Potthastia* sp. (Chironomidae) Synonym(s):
1493. *Cricotopus annulator* Goetghebuer, 1927 (Chironomidae) Synonym(s): *annulator* Goetghebuer, 1927
1494. *Cricotopus bicinctus* (Meigen, 1818) (Chironomidae) Synonym(s): *bicinctus* Meigen, 1818
1495. *Cricotopus flavocinctus* (Kieffer, 1924) (Chironomidae) Synonym(s): *flavocinctus* Kieffer, 1924
1496. *Cricotopus sylvestris* (Fabricius, 1794) (Chironomidae) Synonym(s): *sylvestris* Fabricius, 1794
1497. *Cricotopus vieriensis* Goetghebuer, 1935 (Chironomidae) Synonym(s): *vieriensis* Goetghebuer, 1935
1498. *Parametricnemus stylatus* (Kieffer, 1924) (Chironomidae) Synonym(s): *stylatus* Kieffer, 1924
1499. *Diplocladius cultriger* Kieffer, 1908 (Chironomidae) Synonym(s): *cultriger* Kieffer, 1908
1500. *Eukiefferiella alpestris* Goetghebuer, 1935 (Chironomidae) Synonym(s): *alpestris* Goetghebuer, 1935
1501. *Eukiefferiella brevicar* Kieffer, 1929 (Chironomidae) Synonym(s): *brevicar* Kieffer, 1929
1502. *Eukiefferiella calvescens* Edw., 1929 (Chironomidae) Synonym(s): *calvescens* Edw., 1929
1503. *Eukiefferiella discoloripes* Kieffer, 1929 (Chironomidae) Synonym(s): *discoloripes* Kieffer, 1929
1504. *Limnophyes transcaucasicus* Tchern., 1949 (Chironomidae) Synonym(s): *transcaucasicus* Tchern., 1949
1505. *Orthocladius oblidens* (Walker, 1856) (Chironomidae) Synonym(s): *oblidens* Walker, 1856
1506. *Orthocladius thienemanni* (Kieffer, 1918) (Chironomidae) Synonym(s): *thienemanni* Kieffer, 1918
1507. *Orthocladius luteipes* Goetghebuer, 1921 (Chironomidae) Synonym(s): *luteipes* Goetghebuer, 1921
1508. *Paracladius conversus* (Walker, 1856) (Chironomidae) Synonym(s): *conversus* Walker, 1856
1509. *Psectrocladius serpentrionalis* Tchern., 1949 (Chironomidae) Synonym(s): *serpentrionalis* Tchern., 1949
1510. *Psectrocladius psilopterus* Kieffer, 1906 (Chironomidae) Synonym(s): *psilopterus* Kieffer, 1906
1511. *Psectrocladius stratiotis* Kieffer, 1911 (Chironomidae) Synonym(s): *stratiotis* Kieffer, 1911
1512. *Psectrocladius ventricosus* Kieffer, 1911 (Chironomidae) Synonym(s): *ventricosus* Kieffer, 1911
1513. *Chironomus plumosus* (Linnaeus, 1758) (Chironomidae) Synonym(s): *plumosus* Linnaeus, 1758
1514. *Cryptochironomus defectus* Kieffer, 1921 (Chironomidae) Synonym(s): *defectus* Kieffer, 1921
1515. *Einfeldia* sp. (Chironomidae) Synonym(s):
1516. *Paratendipes intermedius* Tchern., 1949 (Chironomidae) Synonym(s): *intermedius* Tchern., 1949
1517. *Polypedilum brevantennatum* Tchern., 1949 (Chironomidae) Synonym(s): *brevantennatum* Tchern., 1949
1518. *Polypedilum convictum* (Walker, 1856) (Chironomidae) Synonym(s): *convictum* Walker, 1856
1519. *Stictochironomus* sp.1 (Chironomidae) Synonym(s):
1520. *Stictochironomus* sp.2 (Chironomidae) Synonym(s):
1521. *Micropsectra curvicornis* (Tchernovskii, 1949) (Chironomidae) Synonym(s): *curvicornis* Tchernovskii, 1949
1522. *Paratanytarsus lauterborni* Kieffer, 1918 (Chironomidae) Synonym(s): *lauterborni* Kieffer, 1918
1523. *Rheotanytarsus exiguus* Joh., 1937 (Chironomidae) Synonym(s): *exiguus* Joh., 1937
1524. *Tanytarsus gregarius* Kieffer, 1911 (Chironomidae) Synonym(s): *gregarius* Kieffer, 1911
1525. *Thaumatomyia notata* (Meigen, 1830) (Chloropidae) Synonym(s): *notata* Meigen, 1830; *ornata* Meigen, 1830; *circumdata* Meigen, 1830; *prodigiosa* Zenker, 1833; *lucida* Meigen, 1838; *copiosa* Schiner, 1872; *punctipleuris* Becker, 1913
1526. *Dalmannia dorsalis* (Fabricius, 1794) (Conopidae) Synonym(s): *dorsalis* Fabricius, 1794; *flavescens* Meigen, 1824; *vernalis* R-D., 1853; *confusa* Becker, 1923
1527. *Myopa dorsalis* Fabricius, 1794 (Conopidae) Synonym(s): *dorsalis* Fabricius, 1794
1528. *Conops flavicaudus* (Bigot, 1880) (Conopidae) Synonym(s): *flavicaudus* Bigot, 1880; *euzonatus* Bigot, 1887; *superbus* Röder, 1899; *cypris* Janssens, 1955; *falvicaudus* Stucke, Hayat & Özbek, 2008
1529. *Medetera truncorum* Meigen, 1824 (Dolichopodidae) Synonym(s): *truncorum* Meigen, 1824; *tenuicauda* sensu Negrob., 1972 nec Lw., 1857
1530. *Sympycnus pulicarius* (Fallén, 1823) (Dolichopodidae) Synonym(s): *pulicarius* Fallén, 1823; *annulipes* Meigen, 1824; *pygmaeus* Macquart, 1827; *cinerellus* Zetterstedt, 1838; *desoutteri* Parent, 1925
1531. *Syntormon denticulatum* (Zetterstedt, 1843) (Dolichopodidae) Synonym(s): *denticulatus* Zetterstedt, 1843; *aculeatus* Zetterstedt, 1843; *biseriatus* Loew, 1850; *pumilus* Parent, 1925
1532. *Syntormon pallipes* (Fabricius, 1794) (Dolichopodidae) Synonym(s): *pallipes* Fabricius, 1794; *hamatus* Zetterstedt, 1843; *pseudospicatus* Strobl, 1899; *immaculatus* Santos Abreu, 1929
1533. *Drosophila* (Lordiphosa) *andalusiaca* Strobl, 1906 (Drosophilidae) Synonym(s): *andalusiaca* Strobl, 1906; *forcipata* Collin, 1952
1534. *Scaptomyza* (Parascaptomyza) *pallida* (Zetterstedt, 1847) (Drosophilidae) Synonym(s): *pallida* Zetterstedt, 1847; *disticha* Duda, 1921
1535. *Scaptomyza* (s.str.) *flava* (Fallén, 1823) (Drosophilidae) Synonym(s): *flava* Fallén, 1823; *flaveola* Meigen, 1830; *apicalis* Hardy, 1849; *montana* Wheeler, 1949
1536. *Tephrochlamys laeta* (Meigen, 1830) (Heleomyzidae) Synonym(s): *laeta* Meigen, 1830

1537. **Pseudolynchia canariensis (Macquart,1839)** (Hippoboscidae) Synonym(s): *canariensis* Macquart,1839; *maura* Bigot,1885
1538. **Muscina stabulans (Fallén,1817)** (Muscidae) Synonym(s): *stabulans* Fallén,1817
1539. **Lispe nana Macquart,1835** (Muscidae) Synonym(s): *nana* Macquart,1835
1540. **Musca domestica Linnaeus,1758** (Muscidae) Synonym(s): *domestica* Linnaeus,1758
1541. **Nemestrinus caucasicus (Fischer,1806)** (Nemestrinidae) Synonym(s): *caucasicus* Fischer,1806; *analisis* Olivier,1810; *adamsii* Fischer,1812; *albofasciata* Wiedemann,1828; *anthophorina* Portschinsky,1881
1542. **Hirmoneura sp.n.** (Nemestrinidae) Synonym(s):
1543. **Neorhynchocephalus tauscheri (Fischer,1812)** (Nemestrinidae) Synonym(s): *tauscheri* Fischer,1812
1544. **Nycteribia (s.str.) latreillii (Leach,1817)** (Nycteribiidae) Synonym(s): *latreillii* Leach,1817
1545. **Penicillidia dufourii (Westwood,1835)** (Nycteribiidae) Synonym(s): *dufourii* Westwood,1835
1546. **Geomyza tripunctata Fallén,1823** (Opomyzidae) Synonym(s): *tripunctata* Fallén,1823
1547. **Tomosvaryella sp.** (Pipunculidae) Synonym(s):
1548. **Platystoma chrysotoxum Hendel,1913** (Platystomidae) Synonym(s): *chrysotoxum* Hendel,1913
1549. **Platystoma seminationis (Fabricius,1775)** (Platystomidae) Synonym(s): *seminationis* Fabricius,1775; *fulviventre* Schrank,1781; *biseta* Loew,1868; *vegetationis* Rondani,1869
1550. **Phlebotomus (s.str.) papatasi (Scopoli,1786)** (Psychodidae) Synonym(s): *papatasi* Scopoli,1786; *molestia* Costa,1840; *breviventris* Ristorcelli,1943
1551. **Phlebotomus (Paraphlebotomus) jacusieli Theodor,1947** (Psychodidae) Synonym(s): *jacusieli* Theodor,1947
1552. **Scathophaga stercoraria (Linnaeus,1758)** (Scathophagidae) Synonym(s): *stercoraria* Linnaeus,1758; *merdaria* Fabricius,1794; *asticha* Szilady,1926
1553. **Hydromya dorsalis (Fabricius,1775)** (Sciomyzidae) Synonym(s): *dorsalis* Fabricius,1775
1554. **Chloromyia speciosa (Macquart,1834)** (Stratiomyidae) Synonym(s): *speciosa* Macquart,1834; *melampogon* Zeller,1842; *subalpina* Strobl,1910; *nigripes* Pleske,1926
1555. **Odontomyia hydroleon (Linnaeus,1758)** (Stratiomyidae) Synonym(s): *hydroleon* Linnaeus,1758; *felina* Panzer,[1798]; *alpina* Jaennicke,1866
1556. **Oploodontha viridula (Fabricius,1775)** (Stratiomyidae) Synonym(s): *viridula* Fabricius,1775; *canina* Panzer,[1798]; *jejuna* Schrank,1803; *dentata* Meigen,1804; *holosericea* Olivier,1812; *lunata* Olivier,1812; *subvittata* Meigen,1822; *bimaculata* Meigen,1835; *personata* Loew,1846; *interrupta* Loew,1846; *heydeni* Jaennicke,1866
1557. **Stratiomys cenisia Meigen,1822** (Stratiomyidae) Synonym(s): *cenisia* Meigen,1822; *flaviventris* Loew,1846; *ahngeri* Pleske,1901; *cypria* Pleske,1902; *kervillei* Villeneuve,1912; *planes* James,1941
1558. **Stratiomys chamaeleon (Linnaeus,1758)** (Stratiomyidae) Synonym(s): *chamaeleon* Linnaeus,1758; *sellata* Sulzer,1761; *spatula* Scopoli,1763; *nigrodentata* Meigen,1804; *rhaetica* Jaennicke,1866; *unguicornis* Becker,1887; *caucasica* Pleske,1899; *kosnakowi* Pleske,1901; *winogradowinikitini* Pleske,1922
1559. **Stratiomys ruficornis (Macquart,1838)** (Stratiomyidae) Synonym(s): *ruficornis* Macquart,1838; *erythrocer* Egger,1859; *pyrrhocera* Loew,1868
1560. **Nemotelus (s.str.) rudifraci (Berezovsky & Nartshuk,1993)** (Stratiomyidae) Synonym(s): *rudifraci* Berezovsky & Nartshuk,1993
1561. **Oxycera fallenii Staeger,1844** (Stratiomyidae) Synonym(s): *fallenii* Staeger,1844; *octomaculata* Yaroshevski,1877
1562. **Oxycera (Camptopelta) meigenii Staeger,1844** (Stratiomyidae) Synonym(s): *meigenii* Staeger,1844; *fraterna* Loew,1873; *caucasica* Kertész,1916; *turkestanica* Kertész,1916; *sinica* Pleske,1925; *transcaspia* Pleske,1925; *pallidipes* Pleske,1925
1563. **Eristalis alpina (Panzer,1798)** (Syrphidae) Synonym(s): *alpina* Panzer,1798
1564. **Eristalis tenax (Linnaeus,1758)** (Syrphidae) Synonym(s): *tenax* Linnaeus,1758; *vulgaris* Scopoli,1763; *fuscus* Scopoli,1763; *porcinus* De Geer,1776; *arbustorum* Schrank,1781; *silvaticus* Meigen,1822; *vulpinus* Meigen,1822
1565. **Eristalinus (Lathyrrophthalmus) megacephalus (Rossi,1792)** (Syrphidae) Synonym(s): *megacephalus* Rossi,1792
1566. **Eristalinus (Eristalodes) taeniops (Wiedemann,1818)** (Syrphidae) Synonym(s): *taeniops* Wiedemann,1818
1567. **Helophilus trivittatus (Fabricius,1805)** (Syrphidae) Synonym(s): *trivittatus* Fabricius,1805
1568. **Paragus (s.str.) albifrons (Fallén,1817)** (Syrphidae) Synonym(s): *albifrons* Fallén,1817
1569. **Paragus (s.str.) quadrifasciatus Meigen,1822** (Syrphidae) Synonym(s): *quadrifasciatus* Meigen,1822
1570. **Sphaerophoria scripta (Linnaeus,1758)** (Syrphidae) Synonym(s): *scripta* Linnaeus,1758; *gemma* Scopoli,1763; *fasciata* Müller,1764; *invisita* Harris,1776; *menthostri* De Geer,1776
1571. **Syrpitta pipiens (Linnaeus,1758)** (Syrphidae) Synonym(s): *pipiens* Linnaeus,1758; *proxima* Say,1824
1572. **Volucella zonaria (Poda,1761)** (Syrphidae) Synonym(s): *zonaria* Poda,1761; *bifasciata* Scopoli,1763; *inanis* Fabricius,1794; *fasciata* Verral,1900
1573. **Xanthogramma pedissequum (Harris,1776)** (Syrphidae) Synonym(s): *pedissequum* Harris,1776
1574. **Episyrphus balteatus (De Geer,1776)** (Syrphidae) Synonym(s): *cannabina* Scopoli,1763; *balteatus* De Geer,1776; *scitula* Harris,1776; *alternata* Schrank,1781; *nectarea* Fabricius,1787; *nectarina* Wiedemann,1830; *alternans* Macquart,1842; *trigilatus* Walker,1856
1575. **Metasyrphus corollae (Fabricius,1794)** (Syrphidae) Synonym(s): *consisto* Harris,1776; *corollae* Fabricius,1794; *pyrorum* Schrank,1803; *olitoria* Fallén,1817; *lacerus* Meigen,1822; *fulvifrons* Macquart,1827; *crenatus* Macquart,1927; *annularis* Curtis,1837; *octomaculata* Curtis,1837; *propinquus* Macquart,1850; *topiarius* Walker,1851; *berber* Bigot,1884

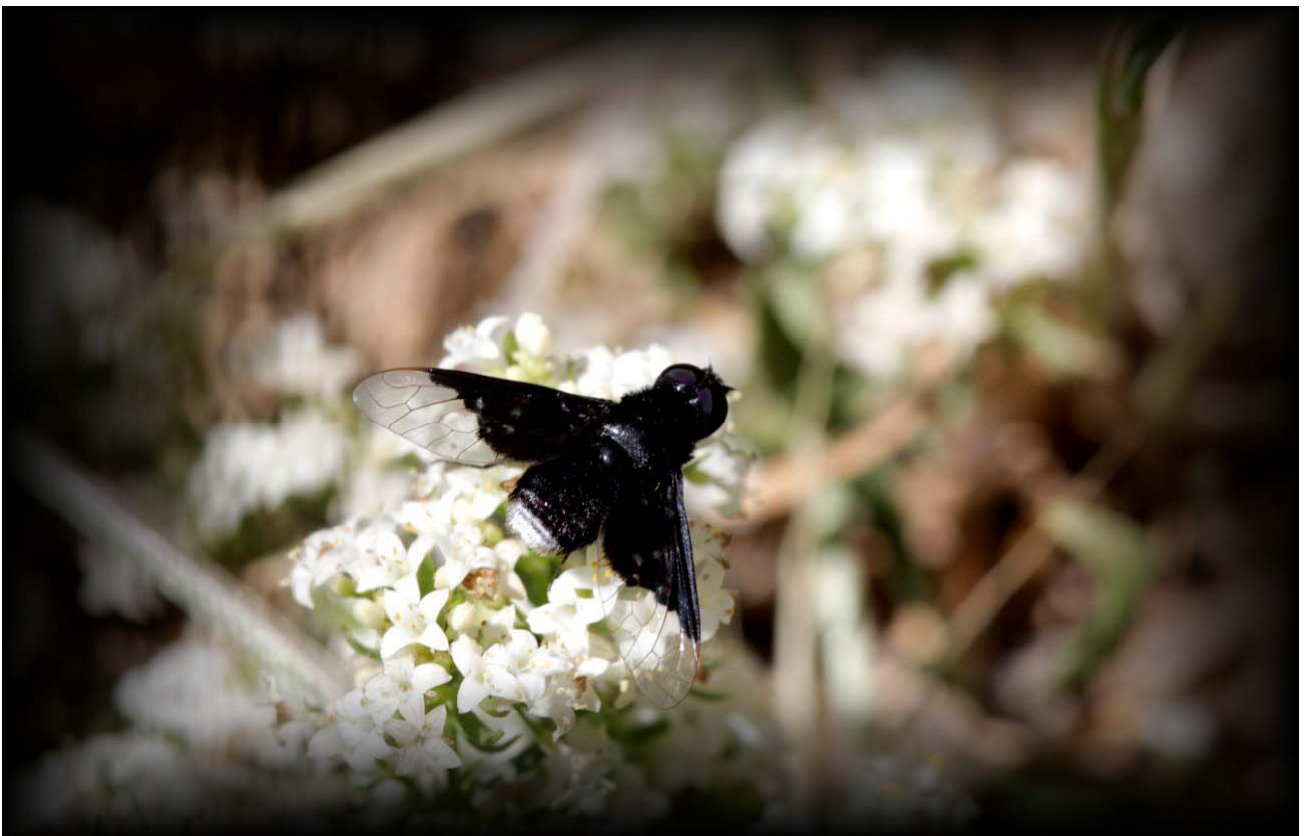


1576. **Chrysotoxum festum** (Linnaeus,1758) (Syrphidae) Synonym(s): *festum* Linnaeus,1758  
 1577. **Chrysotoxum parmense** Rondani,1845 (Syrphidae) Synonym(s): *parmense* Rondani,1845  
 1578. **Merodon avidus** (Rossi,1790) (Syrphidae) Synonym(s): *avidus* Rossi,1790; *spinipes* Fabricius,1794; *rufitibius* Rondani,1845; *graeus* Walker,1852; *aurifer* Loew,1862; *quadrilineatus* Liouy,1864  
 1579. **Merodon velox** Loew,1869 (Syrphidae) Synonym(s): *velox* Loew,1869; *anathema* Paramonov,1925; *armeniaca* Paramonov,1925  
 1580. **Merodon quadrinotatus** (Sack,1931) (Syrphidae) Synonym(s): *quadrinotatus* Sack,1931  
 1581. **Merodon erivanicus** Paramonov,1925 (Syrphidae) Synonym(s): *erivanicus* Paramonov,1925; *kaloceros* Hurkmans,1993  
 1582. **Merodon distinctus** Palma,1863 (Syrphidae) Synonym(s): *distinctus* Palma,1863; *dimorpha* Szilady,1940  
 1583. **Merodon warnckeii** Hurkmans,1993 (Syrphidae) Synonym(s): *warnckeii* Hurkmans,1993  
 1584. **Pangonius (s.str.) pyritosus** Loew,1859 (Tabanidae) Synonym(s): *pyritosus* Loew,1859; *decipiens* Kröber,1921; *hirsutipalpis* Kröber,1921  
 1585. **Chrysops (s.str.) flavipes** Meigen,1804 (Tabanidae) Synonym(s): *flavipes* Meigen,1804; *punctifer* Loew,1858; *#favipes* Kılıç,1999  
 1586. **Atylotus hendrixi** Leclercq,1967 (Tabanidae) Synonym(s): *hendrixi* Leclercq,1967  
 1587. **Tabanus alvarengia** Schacht,1987 (Tabanidae) Synonym(s): *alvarengia* Schacht,1987  
 1588. **Tabanus anthrax** Olsufjev,1937 (Tabanidae) Synonym(s): *anthrax* Olsufjev,1937; *pfeifferi* Kröber,1939  
 1589. **Tabanus bromius** Linnaeus,1758 (Tabanidae) Synonym(s): *bromius* Linnaeus,1758; *maculatus* De Geer,1776; *scalaris* Meigen,1820; *glaucus* Meigen,1820; *connexus* Walker,1856; *antophilus* Loew,1858; *glaucescens* Schiner,1862; *flavofemoratus* Strobl,1909; *nigricans* Szilady,1914; *simplex* Muschamp,1939  
 1590. **Tabanus glaucopsis** Meigen,1820 (Tabanidae) Synonym(s): *ferrugineus* Meigen,1804 nec Ström,1768; *glaucopsis* Meigen,1820; *lunulatus* Meigen,1820; *chlorophthalmus* Meigen,1820; *flavicans* Zeller,1842; *cognatus* Loew,1858; *castellanus* Strobl,1906; *rubra* Muschamp,1939  
 1591. **Tabanus olsufjevi** Hauser,1960 (Tabanidae) Synonym(s): *olsufjevi* Hauser,1960  
 1592. **Tabanus semiargenteus** Olsufjev,1937 (Tabanidae) Synonym(s): *semiargenteus* Olsufjev,1937  
 1593. **Tabanus swiridowi** Portschinsky,1882 (Tabanidae) Synonym(s): *swiridowi* Portschinsky,1882  
 1594. **Tabanus unifasciatus** Loew,1858 (Tabanidae) Synonym(s): *unifasciatus* Loew,1858; *albescens* Kröber,1928  
 1595. **Tabanus yasujensis** Jezek,1981 (Tabanidae) Synonym(s): *yasujensis* Jezek,1981  
 1596. **Gonia maculipennis** Egger,1862 (Tachinidae) Synonym(s): *maculipennis* Egger,1862  
 1597. **Zophomyia temula** (Scopoli,1763) (Tachinidae) Synonym(s): *temula* Scopoli,1763  
 1598. **Eliezeta helluo** (Fabricius,1805) (Tachinidae) Synonym(s): *helluo* Fabricius,1805  
 1599. **Tachina (Eudoromyia) fera** (Linnaeus,1761) (Tachinidae) Synonym(s): *fera* Linnaeus,1761  
 1600. **Tachina (Servillia) lurida** (Fabricius,1781) (Tachinidae) Synonym(s): *lurida* Fabricius,1781  
 1601. **Hypenidium sp.** (Tephritidae) Synonym(s):  
 1602. **Oxyaciura tibialis** R-D.,1830 (Tephritidae) Synonym(s): *tibialis* R-D.,1830; *gagates* Loew,1846  
 1603. **Campiglossa producta** (Loew,1844) (Tephritidae) Synonym(s): *producta* Loew,1844; *insularis* Wollaston,1858  
 1604. **Campiglossa tesellata** (Loew,1844) (Tephritidae) Synonym(s): *tesellata* Loew,1844  
 1605. **Orellia falcata** (Scopoli,1763) (Tephritidae) Synonym(s): *falcata* Scopoli,1763; *abdominalis* R-D.,1830; *octopunctata* Macquart,1835  
 1606. **Sphenella marginata** (Fallén,1814) (Tephritidae) Synonym(s): *marginata* Fallén,1814  
 1607. **Tephritomyia lauta** (Loew,1869) (Tephritidae) Synonym(s): *lauta* Loew,1869  
 1608. **Terellia quadratula** (Loew,1869) (Tephritidae) Synonym(s): *quadratula* Loew,1869  
 1609. **Trupanea amoena** (Frauenfeld,1857) (Tephritidae) Synonym(s): *amoena* Frauenfeld,1857; *#amonea* Giray,1979  
 1610. **Trupanea stellata** (Fuesslin,1775) (Tephritidae) Synonym(s): *stellata* Fuesslin,1775  
 1611. **Urophora quadrifasciata** (Meigen,1826) (Tephritidae) Synonym(s): *quadrifasciata* Meigen,1826; *sjumorum* Rohdendorf,1934  
 1612. **Tephritis merzi** Freidberg & Kütük,2002 (Tephritidae) Synonym(s): *merzi* Freidberg & Kütük,2002  
 1613. **Tephritis postica** (Loew,1844) (Tephritidae) Synonym(s): *postica* Loew,1844  
 1614. **Tephritis pulchra** (Loew,1844) (Tephritidae) Synonym(s): *pulchra* Loew,1844  
 1615. **Acanthiophilus helianthi** (Rossi,1790) (Tephritidae) Synonym(s): *helianthi* Rossi,1790; *eluta* Meigen,1826  
 1616. **Nephrotoma croceiventris** (Strobl,1909) (Tipulidae) Synonym(s): *croceiventris* Strobl,1909  
 1617. **Nephrotoma nox** (Riedel,1910) (Tipulidae) Synonym(s): *nox* Riedel,1910; *rossica* Riedel,1920; *kozhevnikovi* Dodonov,1925  
 1618. **Nephrotoma scalaris** (Meigen,1818) (Tipulidae) Synonym(s): *scalaris* Meigen,1818; *imperialis* Meigen,1818  
 1619. **Tipula (Acutipula) latifurca** Vermoolen,1983 (Tipulidae) Synonym(s): *latifurca* Vermoolen,1983  
 1620. **Tipula (s.str.) orientalis** Lackschewitz,1930 (Tipulidae) Synonym(s): *orientalis* Lackschewitz,1930  
 1621. **Tipula (Yamatotipula) guentheri** Oosterbroek,1994 (Tipulidae) Synonym(s): *guentheri* Oosterbroek,1994  
 1622. **Tipula (Yamatotipula) iranensis** Theowald,1978 (Tipulidae) Synonym(s): *iranensis* Theowald,1978; *subsoltaria* Theowald,1978  
 1623. **Tipula (Yamatotipula) lateralis** Meigen,1804 (Tipulidae) Synonym(s): *lateralis* Meigen,1804; *itermedia* Eiroa,1990  
 1624. **Ceroxys urticae** (Linnaeus,1758) (Ulidiidae) Synonym(s): *urticae* Linnaeus,1758; *?baneai* Gheorghiu,1994

1625. **Dorycera graminum (Fabricius,1794)** (Ulidiidae) Synonym(s): *graminum Fabricius,1794*; *thamnicola R-D.,1830*  
1626. **Timia (Empylocera) sp.** (Ulidiidae).



**Fig. 27-** *Saropogon* sp. (Asilidae) from Van Prov., Gevaş, Göründü 1700m 23 6 2010 M Kemal (Cesa)



**Fig. 28 -** *Exoprosopa ahtamara* (Bombyliidae) from Van Prov., Gevaş, Atros Mt. 1950m 15 7 2012 M Kemal (Cesa)





**Fig.29-** *Callostoma fascipenne* (Bombyliidae) from Van Prov., Kurubaş geçidi 2250m 8 7 2012 M Kemal (Cesa)



**Fig.30-** *Nemestrinus caucasicus* (Nemestrinidae) from Van Prov., Kurubaş 2150m M Kemal (Cesa)





**Fig.31-** *Stratiomys ruficornis* (det. Beuk) (Stratiomyidae) from Van Prov., Gevaş, Yoldöndü 2070m 16 7 2011 M Kemal (Cesa)



**Fig.32-** *Oplodonta viridula* (det. Beuk) (Stratiomyidae) from Van Prov., Gürpınar Başet Mt., Bağrıyanık 2510m 17 7 2011 M Kemal (Cesa)



**Fig.33-** *Nephrotoma nox* (det. Oesterbroek) (Tipulidae) from Van Prov., Erek Mt., Kevenli 2100m 8 6 2011 M Kemal (Cesa)

**Hymenoptera**

Totally 209 species have been listed below (**Figs. 34-35**).

1627. **Andrena (Campylogaster) caroli Pérez, 1895** (Andrenidae) Synonym(s): *caroli Pérez, 1895*  
 1628. **Andrena (Nobandrena) comptaeformis Gusenleitner & Schwarz, 2000** (Andrenidae) Synonym(s): *comptaeformis Gusenleitner & Schwarz, 2000*  
 1629. **Andrena (Plastandrena) pilipes Fabricius, 1781** (Andrenidae) Synonym(s): *pilipes Fabricius, 1781; dolorosa Nurse, 1904*  
 1630. **Andrena (Melandrena) thoracica (Fabricius, 1775)** (Andrenidae) Synonym(s): *thoracica Fabricius, 1775*  
 1631. **Anthophora plumipes (Pallas, 1772)** (Apidae) Synonym(s): *plumipes Pallas, 1772; pilipes Fabricius, 1775; hirsuta Fabricius, 1787; rufipes Christ, 1791; sicala Smith, 1853; soror Pérez, 1905; lisbonensis Cockerell, 1922; palaestinensis Hedicke, 1936; cypriaca Mavromoustakis, 1957*  
 1632. **Apis (s.str.) mellifera Linnaeus, 1758** (Apidae) Synonym(s): *mellifera Linnaeus, 1758; mellifica Linnaeus, 1761*  
 1633. **Bombus (Subterraneobombus) fragrans (Pallas, 1771)** (Apidae) Synonym(s): *fragrans Pallas, 1771*  
 1634. **Bombus (Thoracobombus) sylvarum (Linnaeus, 1761)** (Apidae) Synonym(s): *sylvarum Linnaeus, 1761*  
 1635. **Bombus (Thoracobombus) ruderarius (Müller, 1776)** (Apidae) Synonym(s): *runderarius Müller, 1776*  
 1636. **Bombus (Thoracobombus) zonatus Smith, 1854** (Apidae) Synonym(s): *zonatus Smith, 1854*  
 1637. **Bombus (Pyrobombus) niveatus (Kriechbaumer, 1870)** (Apidae) Synonym(s): *niveatus Kriechbaumer, 1870*  
 1638. **Bombus (Pyrobombus) brodmannicus Vogt, 1909** (Apidae) Synonym(s): *brodmannicus Vogt, 1909*  
 1639. **Bombus (Megabombus) argillaceus (Scopoli, 1763)** (Apidae) Synonym(s): *argillaceus Scopoli, 1763; sichelii Radoszkowski, 1859*  
 1640. **Bombus (Megabombus) mesomelas (Gerstaecker, 1869)** (Apidae) Synonym(s): *mesomelas Gerstaecker, 1869; elegans Seidl, 1837*  
 1641. **Tetralonia acutangula Morawitz** (Apidae).  
 1642. **Tetralonia alternans Br.** (Apidae).  
 1643. **Tetralonia compacta Morawitz** (Apidae).  
 1644. **Tetralonia ruficornis (F.)** (Apidae).  
 1645. **Tetralonia vicina F.** (Apidae).  
 1646. **Xylocopa (Copoxya) armeniaca Warncke, 1982** (Apidae) Synonym(s): *armeniaca Warncke, 1982*  
 1647. **Xylocopa (Proxylocopa) nitidiventris Smith, 1878** (Apidae) Synonym(s): *nitidiventris Smith, 1878*  
 1648. **Xylocopa (s.str.) valga Gerstaecker, 1872** (Apidae) Synonym(s): *valga Gerstaecker, 1872; ramulorum Rondani, 1874; convexa Smith, 1878*  
 1649. **Xylocopa (Proxylocopa) olivieri Lepeletier, 1841** (Apidae) Synonym(s): *olivieri Lepeletier, 1841*  
 1650. **Allodape libanensis (Friese, 1899)** (Apidae) Synonym(s): *libanensis Friese, 1899*  
 1651. **Ceratina rasmonti Terzo, 1998** (Apidae) Synonym(s): *rasmonti Terzo, 1998*  
 1652. **Ceratina sakagamii Terzo, 1998** (Apidae) Synonym(s): *sakagamii Terzo, 1998*  
 1653. **Ceratina zwakhalsi Terzo & Rasmont, 1997** (Apidae) Synonym(s): *zwakhalsi Terzo & Rasmont, 1997*  
 1654. **Eucera clypeata Erichson, 1835** (Apidae) Synonym(s): *clypeata Erichson, 1835; similis Lepeletier, 1841*  
 1655. **Eucera hispana Lepeletier, 1841** (Apidae) Synonym(s): *hispana Lepeletier, 1841*  
 1656. **Eucera interrupta Bär, 1850** (Apidae) Synonym(s): *interrupta Bär, 1850*  
 1657. **Arge ochropus (Gmelin, 1790)** (Argidae) Synonym(s): *ochropus Gmelin, 1790*  
 1658. **Bassus rugulosus (Nees ab Esenbeck, 1834)** (Braconidae) Synonym(s): *rugulosus Nees ab Esenbeck, 1834*  
 1659. **Foesteria longicauda Achterberg, 1990** (Braconidae) Synonym(s): *longicauda Achterberg, 1990*  
 1660. **Meteorus versicolor (Wesmael, 1835)** (Braconidae) Synonym(s): *versicolor Wesmael, 1835; bimaculatus Wesmael, 1835; unicolor Hartig, 1838 nec Wesm., 1835; brevicornis Ratzeburg, 1844; rugator Ratzeburg, 1852; decoloratus Ruthe, 1862; camptolomae Watanabe, 1939; ikonomovi M.Fischer, 1959; hartigi Shenefelt, 1969*  
 1661. **Meteorus rubens (Nees ab Esenbeck, 1811)** (Braconidae) Synonym(s): *rubens Nees ab Esenbeck, 1811; leviventris Wesmael, 1835; islandicus Ruthe, 1859; medianus Ruthe, 1862; scutatus Costa, 1884; heteroneurus Thomson, 1895; szechuanensis Fahringer, 1935; mesopotamicus M.Fischer, 1957*  
 1662. **Calameuta (s.str.) haemorrhoidalis (Fabricius, 1781)** (Cephidae) Synonym(s): *haemorrhoidalis Fabricius, 1781*  
 1663. **Trachelus libanensis (André, 1881)** (Cephidae) Synonym(s): *libanensis André, 1881; armenius Konow, 1896*  
 1664. **Brachymeria femorata (Panzer, 1801)** (Chalcididae) Synonym(s): *femorata Panzer, 1801; ornatipes Cameron, 1906; immaculata Masi, 1951*  
 1665. **Colletes (caspius gr.) anceps Radoszkowski, 1891** (Colletidae) Synonym(s): *anceps Radoszkowski, 1891*  
 1666. **Colletes (caspius gr.) lebedewi Noskiewicz, 1936** (Colletidae) Synonym(s): *lebedewi Noskiewicz, 1936*  
 1667. **Colletes (fodiens gr.) daviesanus Smith, 1846** (Colletidae) Synonym(s): *daviesanus Smith, 1846*  
 1668. **Colletes (senilis gr.) hiekeseniori Kuhlmann, 2003** (Colletidae) Synonym(s): *hiekeseniori Kuhlmann, 2003*  
 1669. **Ammoplanus marathroicus (De Stefani Pérez, 1887)** (Crabronidae) Synonym(s): *marathroicus De Stefani Pérez, 1887*  
 1670. **Gorytes albidulus (Lepeletier, 1832)** (Crabronidae) Synonym(s): *albidulus Lepeletier, 1832*



1671. **Gorytes pleuripunctatus (A.Costa,1859)** (Crabronidae) Synonym(s): *pleuripunctatus* A.Costa,1859  
 1672. **Gorytes quinquecinctus (Fabricius,1793)** (Crabronidae) Synonym(s): *quinquecinctus* Fabricius,1793  
 1673. **Gorytes sulcifrons (A.Costa,1867)** (Crabronidae) Synonym(s): *sulcifrons* A.Costa,1867  
 1674. **Bembecinus tridens (Fabricius,1781)** (Crabronidae) Synonym(s): *tridens* Fabricius,1781; *cinctus* Rossi,1790; *repandus* Panzer,1801; *sinuatus* Latreille,1805; *satumanus* Sonan,1934; *errans* De Beaumont,1950  
 1675. **Bembecinus acanthomerus (Morice,1911)** (Crabronidae) Synonym(s): *acanthomerus* Morice,1911  
 1676. **Bembecinus nigrolabrum Schmid-Egger,2004** (Crabronidae) Synonym(s): *nigrolabrum* Schmid-Egger,2004  
 1677. **Bembecinus peregrinus (Smith,1856)** (Crabronidae) Synonym(s): *peregrinus* Smith,1856; *erberi* Mocsary,1881; *biarmatus* Mocsary,1883  
 1678. **Ectemnius (Thyreocerus) massiliensis (Kohl,1883)** (Crabronidae) Synonym(s): *massiliensis* Kohl,1883; *#massiliensis* Tezcan & Yıldırım,2004  
 1679. **Ectemnius (Thyreocerus) crassicornis (Spinola,1838)** (Crabronidae) Synonym(s): *crassicornis* Spinola,1838  
 1680. **Philanthus triangulum (Fabricius,1775)** (Crabronidae) Synonym(s): *triangulum* Fabricius,1775  
 1681. **Andricus aries (Giraud,1859)** (Cynipidae) Synonym(s): *aries* Giraud,1859  
 1682. **Andricus askewi Melika & Stone,2001** (Cynipidae) Synonym(s): *askewi* Melika & Stone,2001  
 1683. **Andricus caputmedusae (Hartig,1843)** (Cynipidae) Synonym(s): *caputmedusae* Hartig,1843; *gallaecristatae* Henschel,1876  
 1684. **Andricus curtisii (Müller,1870)** (Cynipidae) Synonym(s): *curtisii* Müller,1870; *mediterraneae* Trotter,1901  
 1685. **Andricus insanus (Westwood,1837)** (Cynipidae) Synonym(s): *insanus* Westwood,1837  
 1686. **Andricus lucidus (Hartig,1843)** (Cynipidae) Synonym(s): *lucidus* Hartig,1843; *aestivalis* Giraud,1859; *lucidoserinaceus* Kieffer,1901  
 1687. **Andricus megalucidus Melika, Stone, Sadeghi & Pujade-Villar,2004** (Cynipidae) Synonym(s): *megalucidus* Melika, Stone, Sadeghi & Pujade-Villar,2004  
 1688. **Andricus moreae (Graeffe,1905)** (Cynipidae) Synonym(s): *moreae* Graeffe,1905  
 1689. **Andricus multiplicatus Giraud,1859** (Cynipidae) Synonym(s): *multiplicatus* Giraud,1859  
 1690. **Andricus megatruncicolus Melika,2008** (Cynipidae) Synonym(s): *megatruncicolus* Melika,2008  
 1691. **Andricus polycerus (Giraud,1859)** (Cynipidae) Synonym(s): *polycerus* Giraud,1859; *subterranea* Giraud,1859; *transversa* Kieffer,1897; *trinacriae* Stefani,1906  
 1692. **Andricus quercuscalicis (Burgsdorf,1783)** (Cynipidae) Synonym(s): *quercuscalicis* Burgsdorf,1783; *calicis* Hartig,1843; *cerri* Beyerinck,1895; *beyerincki* Trotter,1899  
 1693. **Andricus sternlichti Bellido, Pujade-Villar & Melika,2003** (Cynipidae) Synonym(s): *sternlichti* Bellido, Pujade-Villar & Melika,2003  
 1694. **Andricus tomentosus (Trotter,1901)** (Cynipidae) Synonym(s): *tomentosus* Trotter,1901  
 1695. **Andricus truncicola (Giraud,1859)** (Cynipidae) Synonym(s): *truncicola* Giraud,1859  
 1696. **Aphelonyx persica Melika, Stone, Sadeghi & Pujade-Villar,2004** (Cynipidae) Synonym(s): *persica* Melika, Stone, Sadeghi & Pujade-Villar,2004  
 1697. **Cynips quercus (Fourcroy,1785)** (Cynipidae) Synonym(s): *quercus* Fourcroy,1785; *pubescentis* Mayr,1881; *ilicis* Kieffer,1896; *geminus* Belizin & Maisuradze,1962; *rusanovae* Belizin & Maisuradze,1962  
 1698. **Cynips quercusfolii (Linnaeus,1758)** (Cynipidae) Synonym(s): *quercusfolii* Linnaeus,1758; *scutellaris* Olivier,1791; *gallaecerasiformis* Anthoine,1794; *gallaenidoniformis* Anthoine,1794; *folii* Hartig,1840; *flosculi* Giraud,1868; *giraudi* Tschek,1869; *taschenbergi* Schlechtendal,1870  
 1699. **Neuroterus anthracinus (Curtis,1838)** (Cynipidae) Synonym(s): *anthracinus* Curtis,1838; *ostreus* Giraud,1859; *ostria* Hartig,1840; *pallicornis* Hartig,1840; *furunculus* Beyerinck,1882  
 1700. **Neuroterus quercusbaccarum (Linnaeus,1758)** (Cynipidae) Synonym(s): *quercusbaccarum* Linnaeus,1758; *baccarumquercus* Fourcroy,1785; *flavipes* Fourcroy,1785; *pedunculiquercus* Fourcroy,1785; *lenticularis* Olivier,1791; *longipennis* Fabricius,1793; *gallaelenticulatae* Anthoine,1794; *malpighii* Hartig,1840; *interruptor* Hartig,1841; *interruptrix* Hartig,1841; *baccarum* Blanchard,1849; *pedunculi* Dumeril,1860; *striatus* Schenck,1863; *attenuatus* Schenck,1863; *giraudi* Tschek,1869; *histrion* Kieffer,1901; *hispanicus* Tavares,1916; *intermedius* Tavares,1916  
 1701. **Diplolepis fructuum (Rübsaamen,1895)** (Cynipidae) Synonym(s): *fructuum* Rübsaamen,1895  
 1702. **Cerapterocerus mirabilis Westwood,1833** (Encyrtidae) Synonym(s): *mirabilis* Westwood,1833; *anebus* Walker,1837; *platicera* Costa,1839; *mirabilicornis* Förster,1841; *maculipennis* Ratzeburg,1848; *multiradiatus* Thomson,1876  
 1703. **Camponotus fallax (Nylander,1856)** (Formicidae) Synonym(s): *fallax* Nylander,1856  
 1704. **Pseudapis (s.str.) rufescens (Morawitz,1876)** (Halictidae) Synonym(s): *rufescens* Morawitz,1876  
 1705. **Lasioglossum (Evylaeus) mesosclerum (Pérez,1903)** (Halictidae) Synonym(s): *mesosclerum* Pérez,1903; *rhodosianus* Strand,1909; *balneorum* Ebmer,1974; *bubulcus* Warncke,1982  
 1706. **Lasioglossum (s.str.) tadschicum (Blüthgen,1929)** (Halictidae) Synonym(s): *tadschicum* Blüthgen,1929  
 1707. **Sphecodes alternatus Smith,1853** (Halictidae) Synonym(s): *alternatus* Smith,1853; *punctiventris* Hagens,1882; *gracilior* Morawitz,1894; *antigae* Tournier,1901; *lindbergi* Pittioni,1950  
 1708. **Dufourea (s.str.) caelestis Ebmer,1987** (Halictidae) Synonym(s): *caelestis* Ebmer,1987  
 1709. **Dufourea (Halictoides) schmiedeknechtii (Kohl,1905)** (Halictidae) Synonym(s): *schmiedeknechtii* Kohl,1905  
 1710. **Halictus (Vestitohalictus) pollinosus Sichel,1860** (Halictidae) Synonym(s): *pollinosus* Sichel,1860  
 1711. **Halictus (Hexataenites) scabiosae (Rossi,1790)** (Halictidae) Synonym(s): *scabiosae* Rossi,1790; *alternans* Fabricius,1793; *zebrus* Walckenaer,1817; *griseozonatus* Dours,1872; *powelli* Cockerell,1931

1712. **Ceratophygadeuon anurus (Thomson,1884)** (Ichneumonidae) Synonym(s): *anurus* Thomson,1884
1713. **Perilissus rufoniger (Gravenhorst,1829)** (Ichneumonidae) Synonym(s): *rufoniger* Gravenhorst,1829
1714. **Ichneumon proletarius Wesmael,1848** (Ichneumonidae) Synonym(s): *proletarius* Wesmael,1848
1715. **Fileanta flavolaeta (Berthoumieu,1892)** (Ichneumonidae) Synonym(s): *flavolaeta* Berthoumieu,1892
1716. **Netelia (s.str.) fuscicornis (Holmgren,1860)** (Ichneumonidae) Synonym(s): *fuscicornis* Holmgren,1860; *gracilipes* Thomson,1888
1717. **Leucospis biguetina Jurine,1807** (Leucopsidae) Synonym(s): *biguetina* Jurine,1807
1718. **Leucospis dorsigera (Fabricius,1775)** (Leucopsidae) Synonym(s): *dorsigera* Fabricius,1775
1719. **Leucospis gigas (Fabricius,1793)** (Leucopsidae) Synonym(s): *gigas* Fabricius,1793; *grandis* Klug,1814; *varia* Klug,1814; *shuckardi* Westwood,1834; *rufonotata* Westwood,1839; *quaettaensis* Cameron,1906; *nursei* Cameron,1906
1720. **Leucospis intermedia Illiger,1807** (Leucopsidae) Synonym(s): *intermedia* Illiger,1807
1721. **Anthidium (Rhodanthidium) superbum Radoszkowski,1876** (Megachilidae) Synonym(s): *superbum* Radoszkowski,1876; *christophi* Morawitz,1884; *grande* Friese,1897
1722. **Anthidium (Icteranthidium) cimbiciforme (Smith,1854)** (Megachilidae) Synonym(s): *cimbiciforme* Smith,1854; *bartholomei* Radoszkowski,1862
1723. **Anthidium (Icteranthidium) ovasi Warncke,1980** (Megachilidae) Synonym(s): *ovasi* Warncke,1980
1724. **Anthidium (s.str.) punctatum Latreille,1809** (Megachilidae) Synonym(s): *punctatum* Latreille,1809; *minus* Nylander,1848; *senile* Eversmann,1852; *greyi* Radoszkowski,1862; *albidulum* Chevrier,1872; *nigrinum* Morawitz,1875; *nitidulum* Morawitz,1894; *mayeti* Pérez,1895; *albofasciatum* Friese,1897; *fulvipes* Friese,1897; *kohlii* Friese,1897; *bequaerti* Alfken,1914; *amanusense* Dusmet,1915; *ariasi* Dusmet,1915; *nigritulum* Friese,1917; *suecicum* Alfken,1927
1725. **Anthidium (s.str.) diadema Latreille,1809** (Megachilidae) Synonym(s): *diadema* Latreille,1809; *ornatum* Lepeletier,1841; *albiventris* Lepeletier,1841; *radoszkowskyi* Mocsary,1887; *seraxense* Radoszkowski,1893; *terminale* Morawitz,1894; *caucasicum* Friese,1897
1726. **Anthidium (s.str.) cingulatum Latreille,1809** (Megachilidae) Synonym(s): *cingulatum* Latreille,1809
1727. **Stelis aculeata Morawitz,1880** (Megachilidae) Synonym(s): *aculeata* Morawitz,1880
1728. **Coelioxys (Allocoelioxys) afra Lepeletier,1841** (Megachilidae) Synonym(s): *afra* Lepeletier,1841; *erzurumensis* Tkalcu
1729. **Coelioxys (s.str.) aurolimbata Förster,1853** (Megachilidae) Synonym(s): *aurolimbata* Förster,1853
1730. **Megachile (Eutricharaea) pilidens Alfken,1924** (Megachilidae) Synonym(s): *pilidens* Alfken,1924
1731. **Chelostoma (Foveosmia) maidli (Benoist,1935)** (Megachilidae) Synonym(s): *maidli* Benoist,1935; *seidenstueckeri* Mavromoustakis,1954
1732. **Chelostoma (Foveosmia) torquillum Warncke,1991** (Megachilidae) Synonym(s): *torquillum* Warncke,1991
1733. **Hoplitis (Annosmia) fulica (Warncke,1991)** (Megachilidae) Synonym(s): *fulica* Warncke,1991
1734. **Hoplitis (Anthocopa) anipuncta (Alfken,1935)** (Megachilidae) Synonym(s): *anipuncta* Alfken,1935
1735. **Hoplitis (Pentadentostoma) pomarina (Warncke,1991)** (Megachilidae) Synonym(s): *pomarina* Warncke,1991
1736. **Hoplitis (Alcidamea) acuticornis (Dufour & Perris,1840)** (Megachilidae) Synonym(s): *acuticornis* Dufour & Perris,1840; *dentiventris* Morawitz,1877; *hispanica* Schmiedeknecht,1886; *brunneipes* Peters,1975; *gilva* Zanden,1994
1737. **Hoplitis (Alcidamea) caularis (Morawitz,1875)** (Megachilidae) Synonym(s): *caularis* Morawitz,1875; *proxima* Morawitz,1875 nec Cress.,1864; *turcestanica* Dalla Torre,1896
1738. **Hoplitis (Alcidamea) decaocta (Warncke,1991)** (Megachilidae) Synonym(s): *decaocta* Warncke,1991
1739. **Hoplitis (Alcidamea) stellaris (Warncke,1991)** (Megachilidae) Synonym(s): *stellaris* Warncke,1991
1740. **Osmia (Helicosmia) dimidiata Morawitz,1870** (Megachilidae) Synonym(s): *dimidiata* Morawitz,1870; *taurica* Radoszkowski,1874; *rossica* Friese,1899
1741. **Osmia (Hemiosmia) difficilis Morawitz,1875** (Megachilidae) Synonym(s): *difficilis* Morawitz,1875; *falcata* Morawitz,1875; *alborufa* Alfken,1935
1742. **Osmia (Hoplosmia) bidentata Morawitz,1876** (Megachilidae) Synonym(s): *bidentata* Morawitz,1876; *affinis* Frivaldsky,1877; *pallens* Tkalcu,1979
1743. **Osmia (Ozbekosmia) avosetta Warncke,1988** (Megachilidae) Synonym(s): *avosetta* Warncke,1988
1744. **Osmia (Tergosmia) glareola Warncke,1988** (Megachilidae) Synonym(s): *glareola* Warncke,1988
1745. **Megalodontes eversmanni (Freymuth,1870)** (Megalodontesidae) Synonym(s): *eversmanni* Freymuth,1870; *loewii* Stein,1876; *multicincta* Mocsary,1891
1746. **Megalodontes crassicornis Springate, Burckardt & Springate,2011** (Megalodontesidae) Synonym(s): *crassicornis* Springate, Burckardt & Springate,2011
1747. **Megalodontes flavicornis Klug,1824** (Megalodontesidae) Synonym(s): *flavicornis* Klug,1824
1748. **Ronisia brutia (Petagna,1787)** (Mutillidae) Synonym(s): *brutia* Petagna,1787; *sexmaculata* Cyrillo,1787; *hungarica* Fabricius,1793; *confusa* Lepeletier,1845; *monspeliensis* Lepeletier,1845; *robusta* Smith,1855; *torosa* Costa,1858; *sericeiventris* Costa,1864; *duplex* Radoszkowski,1885; *discoidalis* Radoszkowski,1885 *morawitzii* Dalla Torre,1897
1749. **Dentilla curtiventris (André,1901)** (Mutillidae) Synonym(s): *curtiventris* André,1901
1750. **Ceropales albicincta (Rossi,1790)** (Pompilidae) Synonym(s): *albicincta* Rossi,1790; *wolffi* Moczar,1978
1751. **Ceropales helvetica Tournier,1889** (Pompilidae) Synonym(s): *helvetica* Tournier,1889
1752. **Cryptocheilus alternatus (Lepeletier,1845)** (Pompilidae) Synonym(s): *alternatus* Lepeletier,1845; *caspius* Gussakovskii,1952
1753. **Cryptocheilus discolor (Fabricius,1793)** (Pompilidae) Synonym(s): *discolor* Fabricius,1793

1754. **Cryptocheilus egregius (Lepeletier,1845)** (Pompilidae) Synonym(s): *egregius* Lepeletier,1845
1755. **Cryptocheilus exiguus Susterer,1924** (Pompilidae) Synonym(s): *exiguus* Susterer,1924
1756. **Cryptocheilus fabricii (Van der Linden,1827)** (Pompilidae) Synonym(s): *fabricii* Van der Linden,1827; *meridionalis* Junco,1943
1757. **Cryptocheilus octomaculatus (Rossi,1790)** (Pompilidae) Synonym(s): *octomaculatus* Rossi,1790; *eatonii* Saunders,1901
1758. **Cryptocheilus rubellus (Eversmann,1846)** (Pompilidae) Synonym(s): *rubellus* Eversmann,1846
1759. **Cryptocheilus stygium Priesner,1967** (Pompilidae) Synonym(s): *stygium* Priesner,1967
1760. **Cryptocheilus variipennis Susterer,1924** (Pompilidae) Synonym(s): *variipennis* Susterer,1924
1761. **Priocnemis vulgaris (Dufour,1841)** (Pompilidae) Synonym(s): *vulgaris* Dufour,1841
1762. **Auplopus carbonarius (Scopoli,1763)** (Pompilidae) Synonym(s): *carbonarius* Scopoli,1763
1763. **Auplopus rectus (Haupt,1927)** (Pompilidae) Synonym(s): *rectus* Haupt,1927; *ater* Haupt,1930
1764. **Eoferreola anatolica Priesner,1973** (Pompilidae) Synonym(s): *anatolica* Priesner,1973
1765. **Agenioideus apicalis (Van der Linden,1827)** (Pompilidae) Synonym(s): *apicalis* Van der Linden,1827
1766. **Agenioideus ciliatus (Lepeletier,1845)** (Pompilidae) Synonym(s): *ciliatus* Lepeletier,1845; *acrobat* Ferton,1911
1767. **Agenioideus excisus (Morawitz,1890)** (Pompilidae) Synonym(s): *excisus* Morawitz,1890; *emarginatus* Haupt
1768. **Agenioideus ruficeps (Eversmann,1849)** (Pompilidae) Synonym(s): *ruficeps* Eversmann,1849
1769. **Agenioideus sericeus (Van der Linden,1827)** (Pompilidae) Synonym(s): *sericeus* Van der Linden,1827
1770. **Agenioideus vesanus (Kohl,1907)** (Pompilidae) Synonym(s): *vesanus* Kohl,1907
1771. **Anoplius concinnus (Dahlbom,1845)** (Pompilidae) Synonym(s): *concinnus* Dahlbom,1845
1772. **Anoplius infuscatus (Van der Linden,1827)** (Pompilidae) Synonym(s): *infuscatus* Van der Linden,1827; *meticulosus* Costa,1882
1773. **Anoplius samariensis (Pallas,1771)** (Pompilidae) Synonym(s): *samariensis* Pallas,1771
1774. **Anoplius schlettereri (Radoszkowski,1888)** (Pompilidae) Synonym(s): *schlettereri* Radoszkowski,1888; *niger* Priesner,1967
1775. **Anoplius viaticus (Linnaeus,1758)** (Pompilidae) Synonym(s): *viaticus* Linnaeus,1758; *fusca* Linnaeus,1761; *paganus* Dahlbom,1843; *propinquus* SWmith,1879; *delatorius* Tournier,1890; *immixtus* Tournier,1890; *macrurus* Tournier,1890; *pleuropicus* Tournier,1890; *tibialis* Tournier,1890; *valesicus* Tournier,1890; *holomelas* Mantero,1905
1776. **Aporinellus sexmaculatus (Spinola,1805)** (Pompilidae) Synonym(s): *sexmaculatus* Spinola,1805; *asiaticus* Gussakovskii,1935
1777. **Arachnospila fumipennis (Zetterstedt,1838)** (Pompilidae) Synonym(s): *fumipennis* Zetterstedt,1838
1778. **Arachnospila hedickei (Haupt,1929)** (Pompilidae) Synonym(s): *hedickei* Haupt,1929
1779. **Arachnospila osmana (Wolf,1999)** (Pompilidae) Synonym(s): *osmana* Wolf,1999
1780. **Arachnospila rufa (Haupt,1927)** (Pompilidae) Synonym(s): *rufa* Haupt,1927
1781. **Batozonellus lacerticida (Pallas,1771)** (Pompilidae) Synonym(s): *lacerticida* Pallas,1771
1782. **Elaphrosyrus paglianoi Wolf,1999** (Pompilidae) Synonym(s): *paglianoi* Wolf,1999
1783. **Episyrus candiotum Wahis,1966** (Pompilidae) Synonym(s): *candiotum* Wahis,1966
1784. **Episyrus gallicum (Tournier,1889)** (Pompilidae) Synonym(s): *gallicum* Tournier,1889; *intermedium* Haupt,1930
1785. **Episyrus rufipes (Linnaeus,1758)** (Pompilidae) Synonym(s): *rufipes* Linnaeus,1758
1786. **Evagetus dubius (Van der Linden,1827)** (Pompilidae) Synonym(s): *dubius* Van der Linden,1827; *obscurodubius* Wolf & Diniz,1970
1787. **Evagetus gibbulus Lepeletier,1845** (Pompilidae) Synonym(s): *gibbulus* Lepeletier,1845
1788. **Evagetus pontomoravicus (Susterer,1938)** (Pompilidae) Synonym(s): *pontomoravicus* Susterer,1938
1789. **Evagetus tumidosus (Tournier,1890)** (Pompilidae) Synonym(s): *tumidosus* Tournier,1890
1790. **Pompilus cinereus (Fabricius,1787)** (Pompilidae) Synonym(s): *cinereus* Fabricius,1787
1791. **Tachyagetes bytinskii Haupt,1962** (Pompilidae) Synonym(s): *bytinskii* Haupt,1962
1792. **Tachyagetes konyanus Wolf,1987** (Pompilidae) Synonym(s): *konyanus* Wolf,1987
1793. **Tachyagetes turcoturanicus Wolf,1986** (Pompilidae) Synonym(s): *turcoturanicus* Wolf,1986
1794. **Telostegus cretensis Priesner,1965** (Pompilidae) Synonym(s): *cretensis* Priesner,1965
1795. **Telostegus excisus (Haupt,1930)** (Pompilidae) Synonym(s): *excisus* Haupt,1930
1796. **Telostegus fumigatus (Klug,1834)** (Pompilidae) Synonym(s): *fumigatus* Klug,1834
1797. **Telostegus inermis (Brullé,1832)** (Pompilidae) Synonym(s): *inermis* Brullé,1832; *ater* Haupt,1930
1798. **Sapyga (s.str.) caucasica Radoszkowski,1880** (Sapygidae) Synonym(s): *caucasica* Radoszkowski,1880
1799. **Sapyga (s.str.) morawitzi Turner,1911** (Sapygidae) Synonym(s): *morawitzi* Turner,1911; *gussakovskii* Kurzenko,1986
1800. **Sapyga (s.str.) pulcherrima Morawitz,1894** (Sapygidae) Synonym(s): *pulcherrima* Morawitz,1894
1801. **Sapyga (s.str.) quinquepunctata (Fabricius,1781)** (Sapygidae) Synonym(s): *quinquepunctata* Fabricius,1781
1802. **Sapyga (s.str.) similis (Fabricius,1793)** (Sapygidae) Synonym(s): *similis* Fabricius,1793; *variegata* Dahlbom,1844; *exornata* Gerstraecker,1861; *pedestris* Gerstraecker,1861; *rufipes* A.Costa,1864
1803. **Colpa quinquecincta (Fabricius,1775)** (Scoliidae) Synonym(s): *villosa* Fabricius,1775; *quinquecincta* Fabricius,1775; *abdominalis* Spinola,1806; *continua* Lepeletier,1845
1804. **Scolia (s.str.) sexmaculata (Müller,1766)** (Scoliidae) Synonym(s): *sexmaculata* Müller,1766; *biguttata* Fabricius,1804; *violacea* Panzer,1799; *syriaca* Klug,1832; *hispanica* Betrem,1935; *beirutii* Betrem,1935; *montana* Steinberg,1962; *orientalis* Steinberg,1962; *dionysopolis* Tkalcu,1988



- 1805. *Scolia* (s.str.) *fallax* Eversmann, 1849** (Scoliidae) Synonym(s): *fallax* Eversmann, 1849; *syriacola* Betrem, 1935; *moreana* Muche, 1962; *tricolor* Bradley, 1972
- 1806. *Scolia* (s.str.) *fuciformis* Scopoli, 1786** (Scoliidae) Synonym(s): *fuciformis* Scopoli, 1786; *insubrica* Scopoli, 1786
- 1807. *Ammophila heydeni* Dahlbom, 1845** (Sphecidae) Synonym(s): *heydeni* Dahlbom, 1845
- 1808. *Podalonia hirsuta* (Scopoli, 1763)** (Sphecidae) Synonym(s): *hirsuta* Scopoli, 1763
- 1809. *Sceliphron* (s.str.) *destillatorium* (Illiger, 1807)** (Sphecidae) Synonym(s): *flavipes* Christ, 1791 nec Fabr., 1781; *destillatorium* Illiger, 1807; *pensilis* Illiger, 1807; *sardonius* Lepeletier, 1845; *sardous* Caruccio, 1872; *trinacriensis* De Stefani Perez, 1889
- 1810. *Macrophya cyrus* Benson, 1954** (Tenthredinidae) Synonym(s): *cyrus* Benson, 1954
- 1811. *Macrophya diversipes* (Schränk, 1782)** (Tenthredinidae) Synonym(s): *diversipes* Schränk, 1782; *flavipes* Tischbein, 1852; *haematopus* Costa, 1866; *eximia* Moscardi, 1877; *caucasica* André, 1881; *rubripes* André, 1881; *saundersi* Kirby, 1886; *sanguinipes* Moscardi, 1891; *dalmatina* Gasparini, 1891; *haematopus* Villers, 1789; *ochreatea* Panzer,
- 1812. *Macrophya suberba* Tischbein, 1852** (Tenthredinidae) Synonym(s): *erythropus* Brullé, 1832; *suberba* Tischbein, 1852; *flavipennis* Kriechbaumer, 1891
- 1813. *Tenthredo* (Zonuledo) *flavipennis* (Brullé, 1832)** (Tenthredinidae) Synonym(s): *flavipennis* Brullé, 1832; *frivaldszkyi* Mocsary, 1879; *lautus* Konow, 1891
- 1814. *Tenthredo marginella* Fabricius, 1793** (Tenthredinidae) Synonym(s): *marginella* Fabricius, 1793; *fuscipennis* Konow, 1886; *hakkariensis* Blank, 1991
- 1815. *Tenthredo vespa* Retzius, 1783** (Tenthredinidae) Synonym(s): *vespa* Retzius, 1783; *multifasciata* Geoffroy, 1785; *sexannulata* Schränk, 1802; *tricincta* Fabricius, 1804 nec Christ, 1791; *quadriceincta* Fallén, 1808; *vespiformis* Audinet-Serville, 1823; *multicinctus* Rudow, 1872; *nigrilabris* Frivaldszky, 1877
- 1816. *Tenthredo* (Zonuledo) *zonula* Klug, 1817** (Tenthredinidae) Synonym(s): *fasciata* Scopoli, 1763 nec Linn., 1758; *bifasciata* Geoffroy, 1785 nec Müll., 1766; *bicicitaflava* Christ, 1791; *zonula* Klug, 1817; *similis* Mocsary, 1880; *nazarensis* André; *serena* Konow; *calcaratus* André, 1881; *scutellaris* Konow, 1898
- 1817. *Cladius pectinicornis* (Geoffroy, 1785)** (Tenthredinidae) Synonym(s): *pectinicornis* Geoffroy, 1785
- 1818. *Ludita fulvipennis* (Smith, 1879)** (Tiphidae) Synonym(s): *fulvipennis* Smith, 1879
- 1819. *Vespa orientalis* Linnaeus, 1771** (Vespidae) Synonym(s): *orientalis* Linnaeus, 1771; *turcica* Drury, 1773; *quadripunctata* Forskal, 1775; *fusca* Christ, 1791; *aegyptiaca* Vallot, 1802; *nilotica* Vallot, 1802; *jurinei* Saussure, 1854; *zavattarii* Guiglia & Capra, 1933; *somalica* Giordani Soika, 1934; *arabica* Giordani Soika, 1957
- 1820. *Quartinia popovi* Gussakovskii, 1936** (Vespidae) Synonym(s): *popovi* Gussakovskii, 1936
- 1821. *Ceramius caucasicus* André, 1884** (Vespidae) Synonym(s): *caucasicus* André, 1884
- 1822. *Jugurtia escalerae* Meade-Waldo, 1910** (Vespidae) Synonym(s): *escalerae* Meade-Waldo, 1910
- 1823. *Ancistrocerus oviventris* (Wesmael, 1836)** (Vespidae) Synonym(s): *oviventris* Wesmael, 1836
- 1824. *Antepipona cribrata* (Morawitz, 1885)** (Vespidae) Synonym(s): *cribrata* Morawitz, 1885
- 1825. *Antepipona insana* (Giordani Soika, 1943)** (Vespidae) Synonym(s): *insana* Giordani Soika, 1943; *calva* Gusenleitner, 1988
- 1826. *Cephalochilus draco* Giordani Soika, 1970** (Vespidae) Synonym(s): *draco* Giordani Soika, 1970
- 1827. *Eumenes mediterraneus* (Kriechbaumer, 1879)** (Vespidae) Synonym(s): *mediterraneus* Kriechbaumer, 1879; *housaki* Giordani Soika, 1952; *anatolicus* Giordani Soika, 1952
- 1828. *Euodynerus* (s.str.) *clathratus* Blüthgen, 1951** (Vespidae) Synonym(s): *clathratus* Blüthgen, 1951
- 1829. *Euodynerus* (s.str.) *curictensis* Blüthgen, 1940** (Vespidae) Synonym(s): *curictensis* Blüthgen, 1940; *comosellus* Gusenleitner, 1971
- 1830. *Psiliglossa anatolica* Giordani Soika, 1979** (Vespidae) Synonym(s): *anatolica* Giordani Soika, 1979
- 1831. *Pseudepipona* (Deuterepipona) *ankarensis* Giordani Soika, 1970** (Vespidae) Synonym(s): *ankarensis* Giordani Soika, 1970
- 1832. *Polistes* (s.str.) *dominulus* (Christ, 1791)** (Vespidae) Synonym(s): *dominulus* Christ, 1791; *bucharensis* Erichson, 1949; *muchei* Gusenleitner, 1976
- 1833. *Polistes* (s.str.) *gallicus* (Linnaeus, 1767)** (Vespidae) Synonym(s): *gallicus* Linnaeus, 1767; *foederatus* Kohl, 1898; *omissus* Weyrauch, 1939
- 1834. *Dolichovespula sylvestris* (Scopoli, 1763)** (Vespidae) Synonym(s): *sylvestris* Scopoli, 1763; *parietum* Harris, 1776 nec Linn., 1758; *holsatica* Fabricius, 1793; *frontalis* Latreille, 1802; *campanaria* Fowler, 1833; *pilosella* Costa, 1858; *sumptuosa* Du Buysson, 1905; *xinjiangensis* Lee, 1986
- 1835. *Vespula germanica* (Fabricius, 1793)** (Vespidae) Synonym(s): *germanica* Fabricius, 1793



**Fig. 34-** *Anthophora plumipes* (Apidae) from Van Prov., Zeve 1700m 6 5 2012 M Kemal (Cesa)



**Fig. 35-** *Anthophora* sp (Apidae) from Van Prov., Ermişler 1675m 3 8 2012 M Kemal (Cesa)



**Coleoptera**

Totally 165 species have been listed below (**Figs. 36-37**).

- 1836. Rhynchites hungaricus (Herbst,1784)** (Attelabidae) Synonym(s): *hungaricus* Herbst,1784; *marginatus* Schrank,1798; *ursus* Gebler,1830; *anatolicus* Schilsky,1903; *marginicollis* Schilsky,1903; *maculicollis* Reitter,1916; *suturifer* Reitter,1916
- 1837. Attelabus nitens (Scopoli,1763)** (Attelabidae) Synonym(s): *nitens* Scopoli,1763; *curculionoides* Linnaeus,1767; *coryli* Müller,1776; *maculipes* Rondani,1833
- 1838. Bostrichus capucinus (Linnaeus,1758)** (Bostrichidae) Synonym(s): *capucinus* Linnaeus,1758; *ruber* Geoffroy,1785; *luctuosus* Olivier,1790; *nigriventris* Lucas,1843; *rubriventris* Zoufal,1894
- 1839. Brachycerus quadrisulcatus Fischer v.Waldheim,1830** (Brachyceridae) Synonym(s): *quadrisulcatus* Fischer v.Waldheim,1830; *difformis* Faldermann,1837
- 1840. Caryedon halperini Anton & Delobel,2004** (Bruchidae) Synonym(s): *#akdamaricus* Decelle & Lodos,1989; *halperini* Anton & Delobel,2004
- 1841. Capnodis marquardtii Reitter,1913** (Buprestidae) Synonym(s): *marquardtii* Reitter,1913
- 1842. Anthaxia (s.str.) bicolor Faldermann,1835** (Buprestidae) Synonym(s): *bicolor* Faldermann,1835
- 1843. Anthaxia (Cratomerus) nupta Kiesenwetter,1857** (Buprestidae) Synonym(s): *nupta* Kiesenwetter,1857
- 1844. Harpalus (s.str.) affinis (Schrank,1781)** (Carabidae) Synonym(s): *aeneus* Fabricius,1775; *affinis* Schrank,1781; *bifoveolatus* Kuster,1846; *paganettii* Flach,1907
- 1845. Harpalus (s.str.) rubripes Duftschmid,1812** (Carabidae) Synonym(s): *rubripes* Duftschmid,1812; *sobrinus* Dejean,1829; *serdicanus* Apfelbeck,1904
- 1846. Agonum viridicupreum (Goeze,1777)** (Carabidae) Synonym(s): *viridicupreum* Goeze,1777
- 1847. Calosoma sycophanta (Linnaeus,1758)** (Carabidae) Synonym(s): *sycophanta* Linnaeus,1758; *severum* Chaudoir,1850
- 1848. Carabus (Lamprostus) calleyi Fischer von Waldheim,1823** (Carabidae) Synonym(s): *calleyi* Fischer von Waldheim,1823
- 1849. Carabus (Procrustes) chevrolati Cristoforis & Jan,1837** (Carabidae) Synonym(s): *chevrolati* Cristoforis & Jan,1837; *assimilis* Cristoforis & Jan,1837; *persimilis* Csiki,1927
- 1850. Cicindela asiatica Audouin & Brullé,1839** (Carabidae) Synonym(s): *asiatica* Audouin & Brullé,1839
- 1851. Cicindela desertorum Dejean,1825** (Carabidae) Synonym(s): *desertorum* Dejean,1825
- 1852. Cicindela turkestanicoides W.Horn,1938** (Carabidae) Synonym(s): *turkestanicoides* W.Horn,1938
- 1853. Lophyridia fischeri (Adams,1817)** (Carabidae) Synonym(s): *fischeri* Adams,1817
- 1854. Lophyridia littoralis (Fabricius,1787)** (Carabidae) Synonym(s): *littoralis* Fabricius,1787
- 1855. Aromia moschata (Linnaeus,1758)** (Cerambycidae) Synonym(s): *moschata* Linnaeus,1758
- 1856. Osphranteria coerulescens Redtenbacher,[1849]** (Cerambycidae) Synonym(s): *coerulescens* Redtenbacher,[1849]
- 1857. Cerambyx dux (Faldermann,1837)** (Cerambycidae) Synonym(s): *dux* Faldermann,1837
- 1858. Xylotrechus rusticus (Linnaeus,1758)** (Cerambycidae) Synonym(s): *rusticus* Linnaeus,1758
- 1859. Paraplagionotus floralis (Pallas,1773)** (Cerambycidae) Synonym(s): *floralis* Pallas,1773
- 1860. Purpuricenus tommasoii Sama,2001** (Cerambycidae) Synonym(s): *tommasoii* Sama,2001
- 1861. Purpuricenus wachanrui Levrat,1858** (Cerambycidae) Synonym(s): *wachanrui* Levrat,1858
- 1862. Lampropterus femoratus (Germar,1824)** (Cerambycidae) Synonym(s): *femoratus* Germar,1824
- 1863. Vadonia bitlisiensis (Chevrolat,1882)** (Cerambycidae) Synonym(s): *bitlisiensis* Chevrolat,1882
- 1864. Stictoleptura tripartita (Heyden,1889)** (Cerambycidae) Synonym(s): *tripartita* Heyden,1889
- 1865. Agapanthia kirbyi (Gyllenhal,1817)** (Cerambycidae) Synonym(s): *kirbyi* Gyllenhal,1817
- 1866. Pedestredorcadion beckeri (Kraatz,1873)** (Cerambycidae) Synonym(s): *beckeri* Kraatz,1873
- 1867. Pedestredorcadion deyrollei (Ganglbauer,1883)** (Cerambycidae) Synonym(s): *deyrollei* Ganglbauer,1883
- 1868. Pedestredorcadion wagneri (Küster,1846)** (Cerambycidae) Synonym(s): *wagneri* Küster,1846
- 1869. Coptosia ganglbaueri (Pic,1951)** (Cerambycidae) Synonym(s): *ganglbaueri* Pic,1951
- 1870. Helladia armeniaca Frivaldsky,1878** (Cerambycidae) (**Fig. 36**) Synonym(s): *armeniaca* Frivaldsky,1878; *testaceovittata* Pic,1934; *iranica* Villers,1960; *natali* Lobanov,1994; *holzschuchi* Özdikmen,2008.
- 1871. Musaria astarte (Ganglbauer,1885)** (Cerambycidae) Synonym(s): *astarte* Ganglbauer,1885
- 1872. Musaria kurdistanica (Ganglbauer,1884)** (Cerambycidae) Synonym(s): *kurdistanica* Ganglbauer,1884
- 1873. Musaria puncticollis (Faldermann,1837)** (Cerambycidae) Synonym(s): *puncticollis* Faldermann,1837
- 1874. Opsilia coerulescens (Scopoli,1763)** (Cerambycidae) Synonym(s): *coerulescens* Scopoli,1763
- 1875. Semnosia herminae (Reitter,1890)** (Cerambycidae) Synonym(s): *herminae* Reitter,1890; *gobustanica* Danilevsky,1990
- 1876. Semnosia imperatrix (Abeille de Perrin,1885)** (Cerambycidae) Synonym(s): *imperatrix* Abeille de Perrin,1885
- 1877. Semnosia interrupta (Pic,1905)** (Cerambycidae) Synonym(s): *interrupta* Pic,1905
- 1878. Chrysolina sanguinolenta (Linnaeus,1758)** (Chrysomelidae) Synonym(s): *sanguinolenta* Linnaeus,1758; *marginalis* Duftschmidt,1825
- 1879. Chrysolina gypsophilae (Küster,1845)** (Chrysomelidae) Synonym(s): *gypsophilae* Küster,1845; *lucidicollis* Küster,1845
- 1880. Chrysolina marginata (Linnaeus,1758)** (Chrysomelidae) Synonym(s): *marginata* Linnaeus,1758; *unificans* Bechyně,1950



- 1881. Chrysolina orientalis (Olivier,1807)** (Chrysomelidae) Synonym(s): *orientalis* Olivier,1807; *campicola* Gistel,1857; *palaestina* Bechyne,1950; *thraeissa* Bechyne,1950
- 1882. Chrysomela populi Linnaeus,1758** (Chrysomelidae) Synonym(s): *populi* Linnaeus,1758
- 1883. Prasocuris junci (Brahm,1790)** (Chrysomelidae) Synonym(s): *junci* Brahm,1790; *beccabungae* Küster,1846; *minutus* Markovic,1909
- 1884. Phyllobrotica binotata Ogloblin,1936** (Chrysomelidae) Synonym(s): *binotata* Ogloblin,1936; *aslani* Warchalowski,1998
- 1885. Pachybrachis (s.str.) anatolicus Lopatin,1985** (Chrysomelidae) Synonym(s): *anatolicus* Lopatin,1985
- 1886. Pachybrachis (s.str.) fimbriolatus (Suffrian,1848)** (Chrysomelidae) Synonym(s): *tristis* Olivier,1808 nec Laich.,1781; *fimbriolatus* Suffrian,1848; *mulsanti* Perris,1852
- 1887. Pachybrachis (s.str.) tessellatus (Olivier,1791)** (Chrysomelidae) Synonym(s): *tessellatus* Olivier,1791; *tauricus* Suffrian,1848; *bisignatus* Redtenbacher,1849; *aethiops* Weise,1882; *picturatus* Rey,1883; *orientalis* Weise,1894; *syriacus* Weise,1900; *melanopygus* Müller,1953
- 1888. Stylosomus flavus Marseul,1875** (Chrysomelidae) Synonym(s): *flavus* Marseul,1875
- 1889. Labidostomis (s.str.) subfasciata Weise,1885** (Chrysomelidae) Synonym(s): *subfasciata* Weise,1885; *trigemina* Weise,1898
- 1890. Clytra atraphaxidis (Pallas,1773)** (Chrysomelidae) Synonym(s): *atraphaxidis* Pallas,1773; *deficiens* Weise,1900
- 1891. Clytra aliena Weise,1897** (Chrysomelidae) Synonym(s): *aliena* Weise,1897
- 1892. Clytra cingulata Weise,1898** (Chrysomelidae) Synonym(s): *cingulata* Weise,1898
- 1893. Clytra valeriana Ménétériés,1832** (Chrysomelidae) Synonym(s): *valeriana* Ménétériés,1832; *tetrastigma* Schmidt,1841; *#valerianae* Aydın & Kismali,1990
- 1894. Smaragdina limbata (Steven,1806)** (Chrysomelidae) Synonym(s): *limbata* Steven,1806; *dorsalis* Olivier,1808
- 1895. Aphthona crassicornis Lopatin,1990** (Chrysomelidae) Synonym(s): *crassicornis* Lopatin,1990
- 1896. Longitarsus anatolicus Weise,1900** (Chrysomelidae) Synonym(s): *anatolicus* Weise,1900
- 1897. Hispa atra Linnaeus,1767** (Chrysomelidae) Synonym(s): *atra* Linnaeus,1767; *cariosa* Reiche & Sauley,1858; *algira* Motschoulsky,1860; *aptera* Motschoulsky,1860; *minuta* Balbi,1892; *balbii* Donckier,1899
- 1898. Trichodes reichei Mulsant & Rey,1863** (Cleridae) (**Fig. 37**) Synonym(s): *reichei* Mulsant & Rey,1863; *klugi* Kraatz,1873; *conjunctus* Escherich,1892
- 1899. Trichodes ephippiger Chevrolat,1874** (Cleridae) Synonym(s): *ephippiger* Chevrolat,1874
- 1900. Trichodes sexpustulatus Chevrolat,1874** (Cleridae) Synonym(s): *sexpustulatus* Chevrolat,1874; *erratus* Champenois,1898
- 1901. Trichodes pulcherrimus Escherich,1892** (Cleridae) Synonym(s): *pulcherrimus* Escherich,1892
- 1902. Trichodes sipylus (Linnaeus,1758)** (Cleridae) Synonym(s): *sipylus* Linnaeus,1758; *subfasciatus* Kraatz,1873; *frater* Kraatz,1893; *fraterculus* Zaitzev,1915
- 1903. Trichodes laminatus Chevrolat,1843** (Cleridae) Synonym(s): *laminatus* Chevrolat,1843
- 1904. Bulaea lichatschovi (Hummel,1827)** (Coccinellidae) Synonym(s): *lichatschovi* Hummel,1827
- 1905. Brumus octosignatus (Gebler,1830)** (Coccinellidae) Synonym(s): *octosignatus* Gebler,1830
- 1906. Hippodamia (Adonia) variegata (Goeze,1777)** (Coccinellidae) Synonym(s): *variegata* Goeze,1777
- 1907. Hippodamia (Semiadalia) undecimnotata (Schneider,1792)** (Coccinellidae) Synonym(s): *undecimnotata* Schneider,1792
- 1908. Coccinella (s.str.) septempunctata Linnaeus,1758** (Coccinellidae) Synonym(s): *septempunctata* Linnaeus,1758; *brucki* Mulsant,1866
- 1909. Coccinella (s.str.) distincta Falderman** (Coccinellidae) Synonym(s): *distincta* Falderman; *#distinctu* Özbek & Çetin,1991
- 1910. Exochomus quadripustulatus (Linnaeus,1758)** (Coccinellidae) Synonym(s): *quadripustulatus* Linnaeus,1758
- 1911. Harmonia axyridis (Pallas,1773)** (Coccinellidae) Synonym(s): *axyridis* Pallas,1773
- 1912. Scymnus apetzi Mulsant,1846** (Coccinellidae) Synonym(s): *apetzi* Mulsant,1846
- 1913. Scymnus quadriguttatus Capra,1924** (Coccinellidae) Synonym(s): *quadriguttatus* Capra,1924
- 1914. Platynaspis luteorubra (Goeze,1777)** (Coccinellidae) Synonym(s): *luteorubra* Goeze,1777
- 1915. Oenopia oncina (Olivier,1808)** (Coccinellidae) Synonym(s): *oncina* Olivier,1808
- 1916. Larinus minutus Gyllenhal,1836** (Curculionidae) Synonym(s): *minutus* Gyllenhal,1836
- 1917. Larinus onopordi (Fabricius,1787)** (Curculionidae) Synonym(s): *onopordi* Fabricius,1787
- 1918. Larinus turbinatus Gyllenhal,1836** (Curculionidae) Synonym(s): *turbinatus* Gyllenhal,1836
- 1919. Lixus bardanae (Fabricius,1787)** (Curculionidae) Synonym(s): *bardanae* Fabricius,1787
- 1920. Lixus cardui Olivier,1807** (Curculionidae) Synonym(s): *cardui* Olivier,1807
- 1921. Lixus elegantulus Boheman,1843** (Curculionidae) Synonym(s): *elegantulus* Boheman,1843
- 1922. Lixus scolapax Boheman,1836** (Curculionidae) Synonym(s): *scolapax* Boheman,1836
- 1923. Hypera farinosa Boheman,1842** (Curculionidae) Synonym(s): *farinosa* Boheman,1842
- 1924. Hypera jucundus Capiomont,1868** (Curculionidae) Synonym(s): *jucundus* Capiomont,1868
- 1925. Hypera meles (Fabricius,1792)** (Curculionidae) Synonym(s): *meles* Fabricius,1792
- 1926. Hypera variabilis (Herbst,1795)** (Curculionidae) Synonym(s): *variabilis* Herbst,1795
- 1927. Hypera viciae (Gyllenhal,1813)** (Curculionidae) Synonym(s): *viciae* Gyllenhal,1813
- 1928. Cionus olivieri Rosenschöld,1838** (Curculionidae) Synonym(s): *olivieri* Rosenschöld,1838
- 1929. Anthrenus (s.str.) pimpinellae (Fabricius,1775)** (Dermestidae) Synonym(s): *pimpinellae* Fabricius,1775; *scrophulariae* Fourcroy,1785 nec Linn.,1758

1930. **Agabus (Gaurodytes) bipustulatus (Linnaeus,1767)** (Dytiscidae) Synonym(s): *bipustulatus Linnaeus,1767*
1931. **Agabus (Gaurodytes) dilatatus (Brullé,1832)** (Dytiscidae) Synonym(s): *dilatatus Brullé,1832*
1932. **Platambus lunulatus (Fischer von Waldheim,1829)** (Dytiscidae) Synonym(s): *lunulatus Fischer von Waldheim,1829*
1933. **Cybister (Scaphinectes) lateralimarginalis (De Geer,1774)** (Dytiscidae) Synonym(s): *lateralimarginalis De Geer,1774*
1934. **Deronectes parvicollis (Schaum,1864)** (Dytiscidae) Synonym(s): *parvicollis Schaum,1864*
1935. **Nebrioporus airumulus (Kolenati,1845)** (Dytiscidae) Synonym(s): *airumulus Kolenati,1845*
1936. **Scarodytes halensis (Fabricius,1787)** (Dytiscidae) Synonym(s): *halensis Fabricius,1787*
1937. **Stictotarsus griseostriatus (De Geer,1774)** (Dytiscidae) Synonym(s): *griseostriatus De Geer,1774*
1938. **Hygrotus (Coelambus) lernaeus (Schaum,1857)** (Dytiscidae) Synonym(s): *lernaeus Schaum,1857*
1939. **Zorochochros alysidotus (Kiesenwetter,1858)** (Elateridae) Synonym(s): *alysidotus Kiesenwetter,1858*
1940. **Amphicoma (Pygopleurus) koniae Petrovitz,1957** (Glaphyridae) Synonym(s): *koniae Petrovitz,1957; vulpoides Petrovitz,1968*
1941. **Amphicoma (Pygopleurus) sexualis Petrovitz,1968** (Glaphyridae) Synonym(s): *sexualis Petrovitz,1968; muliebris Petrovitz,1968*
1942. **Amphicoma (Rudeulasia) hybrida (Reitter,1890)** (Glaphyridae) Synonym(s): *hybrida Reitter,1890; agricola Reitter,1890; ithae Reitter,1903*
1943. **Amphicoma (Rudeulasia) pulchra (Reitter,1890)** (Glaphyridae) Synonym(s): *pulchra Reitter,1890; kurdistana Petrovitz,1968*
1944. **Amphicoma (Vittateulasia) vittata (Fabricius,1775)** (Glaphyridae) Synonym(s): *vittata Fabricius,1775; lineata Faldermann,1835; strigata Walzl,1838; smyrnensis Castelnau,1840; syriaca Kollar & Redtenbacher,1843; africana Reitter,1890; chrysura Reitter,1890; decorata Reitter,1890; semifulva Reitter,1890; lateritia Reitter,1903; pseudochrysura Miksic,1960; persica Petrovitz,1963*
1945. **Helophorus aquaticus (Linnaeus,1758)** (Helophoridae) Synonym(s): *aquaticus Linnaeus,1758*
1946. **Helophorus micans Falderman,1835** (Helophoridae) Synonym(s): *micans Falderman,1835*
1947. **Helophorus brevipalpis Bedel,1881** (Helophoridae) Synonym(s): *brevipalpis Bedel,1881*
1948. **Helophorus abeillei Guillebeau,1896** (Helophoridae) Synonym(s): *abeillei Guillebeau,1896*
1949. **Helophorus brevipalpis Bedel,1881** (Helophoridae) Synonym(s): *brevipalpis Bedel,1881*
1950. **Helophorus maculatus Motschoulsky,1860** (Helophoridae) Synonym(s): *maculatus Motschoulsky,1860*
1951. **Helophorus discrepans Rey,1885** (Helophoridae) Synonym(s): *discrepans Rey,1885*
1952. **Helophorus frater Orchymont,1926** (Helophoridae) Synonym(s): *frater Orchymont,1926*
1953. **Hister quadrimaculatus Linnaeus,1758** (Histeridae) Synonym(s): *quadrimaculatus Linnaeus,1758; gagates Illiger,1807; aethiops Heer,1841*
1954. **Laccobius (Microlaccobius) gracilis Motschoulsky,1855** (Hydrophilidae) Synonym(s): *gracilis Motschoulsky,1855*
1955. **Laccobius (Dimorpholaccobius) obscuratus Rottenberg,1874** (Hydrophilidae) Synonym(s): *obscuratus Rottenberg,1874*
1956. **Laccobius (Dimorpholaccobius) simulatrix Orchymont,1932** (Hydrophilidae) Synonym(s): *simulatrix Orchymont,1932*
1957. **Laccobius (Dimorpholaccobius) striatulus (Fabricius,1801)** (Hydrophilidae) Synonym(s): *striatulus Fabricius,1801*
1958. **Laccobius (Dimorpholaccobius) sulcatulus Reitter,1909** (Hydrophilidae) Synonym(s): *sulcatulus Reitter,1909*
1959. **Laccobius (Dimorpholaccobius) syriacus Guillebeau,1896** (Hydrophilidae) Synonym(s): *syriacus Guillebeau,1896*
1960. **Berosus (Enoplurus) spinosus (Steven,1808)** (Hydrophilidae) Synonym(s): *spinosus Steven,1808*
1961. **Enochrus (Lumetus) bicolor (Fabricius,1792)** (Hydrophilidae) Synonym(s): *bicolor Fabricius,1792*
1962. **Lucanus (s.str.) ibericus Motschoulsky,1845** (Lucanidae) Synonym(s): *ibericus Motschoulsky,1845; curtulus Motschoulsky,1845; barbarossa Burmeister,1847 nec Fabr.,1801; minor Burmeister,1847; orientalis Kraatz,1860; piger Motschoulsky,1870; syriacus Motschoulsky,1870; tenebrosus Motschoulsky,1870; intermedius Motschoulsky,1870; caspica Semenov,1901; ravinii Schatzmayr,1923; #ibericus Sabatinelli,1977*
1963. **Hycleus scabiosae (Olivier,1811)** (Meloidae) Synonym(s): *scabiosae Olivier,1811; euphratica Marseul,1870; marseuli Ballion,1878; alienigera Heyden,1883; maracadensis Dokhtouroff,1889; auliensis Pic,1901; sicheri Fleischer,1921; eichleri Mader,1927; transcaspensis Pic,1928; delta Sumakov,1930; epsilon Sumakov,1930*
1964. **Mylabris (Eumylabris) cincta Olivier,1811** (Meloidae) Synonym(s): *cincta Olivier,1811; tiflensis Billberg,1813; matthesi Faldermann,1837; bicolor Walzl,1838; taeniata Walzl,1838; tricingulata Redtenbacher,1850; jugatoria Reiche,1865; soubironi Pic,1921; #cincta Kaszab,1968*
1965. **Mylabris (Eumylabris) fabricii Sumakov,1924** (Meloidae) Synonym(s): *decimpunctata Petagna,1787 nec Fabr.,1781; forti Mulsant,1857; fabricii Sumakov,1924*
1966. **Mylabris (s.str.) quadripunctata (Linnaeus,1767)** (Meloidae) Synonym(s): *quadripunctata Linnaeus,1767; melanura Pallas,1781; decimpunctata Fabricius,1781; octopunctata Olivier,1811; adamsi Fischer von Waldheim,1824; armeniaca Faldermann,1837; restricta Motschoulsky,1849; maldinesi Chevrolat,1865*
1967. **Mylabris (s.str.) variabilis (Pallas,1781)** (Meloidae) Synonym(s): *cichorii Linnaeus,1767; variabilis Pallas,1781; lacera Fischer von Waldheim,1827; mutans Guérin de Ménéville,1834; hypocrita Mulsant,1857; similis Mulsant,1857; disrupta Baudi,1878; erivanica Pic,1901*
1968. **Teratolytta kulzeri Kaszab,1958** (Meloidae) Synonym(s): *kulzeri Kaszab,1958*

1969. **Teratolytta vanensis Kaszab, 1968** (Meloidae) Synonym(s): *vanensis Kaszab, 1968*
1970. **Meloe mediterraneus Müller, 1925** (Meloidae) Synonym(s): *mediterraneus Müller, 1925*
1971. **Scarabaeus pius (Illiger, 1803)** (Scarabaeidae) Synonym(s): *pius Illiger, 1803*
1972. **Gymnopleurus flagellatus (Fabricius, 1787)** (Scarabaeidae) Synonym(s): *flagellatus Fabricius, 1787*; *coriarius Herbst, 1789*; *serratus Fischer von Waldheim, 1821*; *asperatus Mulsant, 1842*; *caliginosus Balthasar, 1934*
1973. **Sisyphus schaefferi (Linnaeus, 1758)** (Scarabaeidae) Synonym(s): *schaefferi Linnaeus, 1758*
1974. **Polyphylla (s.str.) fullo (Linnaeus, 1758)** (Scarabaeidae) Synonym(s): *fullo Linnaeus, 1758*; *luctuosa Mulsant, 1842*; *marmorata Mulsant, 1847*; *macrocera Reitter, 1891*
1975. **Polyphylla (s.str.) olivieri (Laporte de Castelnau, 1840)** (Scarabaeidae) Synonym(s): *olivieri Laporte de Castelnau, 1840*; *abhasica Motschoulsky, 1845*; *caucasica Heyden, 1864*; *persica Brenske, 1902*
1976. **Tanyproctus carbonarius Faldermann, 1835** (Scarabaeidae) Synonym(s): *carbonarius Faldermann, 1835*
1977. **Oxythyrea cinctella (Schaum, 1841)** (Scarabaeidae) Synonym(s): *albella Illiger, 1802 (praeocc.)*; *cinctella Schaum, 1841*; *natalia Olsufiev, 1917*
1978. **Cetonia (s.str.) aurata (Linnaeus, 1761)** (Scarabaeidae) Synonym(s): *aurata Linnaeus, 1761*; *smaragdus De Geer, 1774*; *aenea Fuessly, 1778*; *chlorochrysa Schrank, 1776*; *viridicoruscus Voet, 1779*; *maculata Scriba, 1790*; *variabilis Preyss., 1790*; *piligera Mulsant & Rey, 1842*; *praeclara Mulsant & Rey, 1842*; *clermonti Bourgin, 1948*
1979. **Protaetia (Potosia) cuprea (Fabricius, 1775)** (Scarabaeidae) Synonym(s): *cuprea Fabricius, 1775*
1980. **Protaetia (Potosia) funebris (Gory & Percheron, 1833)** (Scarabaeidae) Synonym(s): *funebris Gory & Percheron, 1833*; *exclamationis Faldermann, 1835*; *funesta Ménétriés, 1836*; *aethiessoides Reitter, 1898*; *lambillionea Alexis & Delphont, 2000*
1981. **Protaetia (Netocia) trojana (Gory & Percheron, 1833)** (Scarabaeidae) Synonym(s): *trojana Gory & Percheron, 1833*
1982. **Protaetia (Netocia) hungarica (Herbst, 1790)** (Scarabaeidae) Synonym(s): *hungarica Herbst, 1790*
1983. **Chromovalgus peyroni (Mulsant & Wachanru, 1852)** (Scarabaeidae) Synonym(s): *peyroni Mulsant & Wachanru, 1852*
1984. **Oryctes (Oryctes) nasicornis (Linnaeus, 1758)** (Scarabaeidae) Synonym(s): *nasicornis Linnaeus, 1758*
1985. **Anisoplia (Chaetopteroplina) segetum (Herbst, 1783)** (Scarabaeidae) Synonym(s): *segetum Herbst, 1783*
1986. **Elodes flavoangularis Klausnitzer, 1990** (Scirtidae) Synonym(s): *flavoangularis Klausnitzer, 1990*
1987. **Cyphon euoplus Nyholm, 1970** (Scirtidae) Synonym(s): *euoplus Nyholm, 1970*
1988. **Cyphon laevipennis Tournier, 1868** (Scirtidae) Synonym(s): *laevipennis Tournier, 1868*
1989. **Cyphon palustris Thomson, 1855** (Scirtidae) Synonym(s): *palustris Thomson, 1855*
1990. **Silpha obscura Linnaeus, 1758** (Silphidae) Synonym(s): *obscura Linnaeus, 1758*
1991. **Omalium turcicum Smetana, 1967** (Staphylinidae) Synonym(s): *turcicum Smetana, 1967*
1992. **Zophosis osmanlis Deyrolle, 1872** (Tenebrionidae) Synonym(s): *osmanlis Deyrolle, 1872*
1993. **Tentyria tessulata Tauscher, 1812** (Tenebrionidae) Synonym(s): *tessulata Tauscher, 1812*
1994. **Adesmia (s.str.) fischeri Faldermann, 1837** (Tenebrionidae) Synonym(s): *fischeri Faldermann, 1837*
1995. **Blaps tibialis Reiche & Saulcy, 1857** (Tenebrionidae) Synonym(s): *tibialis Reiche & Saulcy, 1857*
1996. **Dissonomus substriatus Reitter, 1898** (Tenebrionidae) Synonym(s): *substriatus Reitter, 1898*
1997. **Gonocephalum granulatum (Fabricius, 1791)** (Tenebrionidae) Synonym(s): *granulatum Fabricius, 1791*
1998. **Lobodera (Penthomagus) iners Ménétriés, 1832** (Tenebrionidae) Synonym(s): *iners Ménétriés, 1832*
1999. **Nalassus (Helopondrus) szalokii Nabozhenko, 2011** (Tenebrionidae) Synonym(s): *szalokii Nabozhenko, 2011*
2000. **Nalassus (Helopondrus) schmalfussi Nabozhenko, 2011** (Tenebrionidae) Synonym(s): *schmalfussi Nabozhenko, 2011*





**Fig. 36** - *Helladia armeniaca* (Cerambycidae) from Van Prov., Çatak Dalbastı 1650m 29 4 2012 M Kemal (Cesa)



**Fig. 37**- *Trichodes reichei* (Cleridae) Van Prov., Ermişler 1675m 3 8 2012 M Kemal (Cesa)

## References

Selected 361 publications are listed below as author index.

- Achterberg, C. van**, 1990, Revision of the genera *Foersteria* Szepilgeti and *Polydegmon* Foester (Hymenoptera, Braconidae). Zool. Verh. 257: 1-32, figs.
- Aktaş, M. & A. Hasbenli**, 1994, Bat Flies of Eastern Turkey (Diptera, Nycteribiidae). J. Inst. Sci. Techn. Gazi Univ. 7: 48-51.
- Alberti, B.**, 1955, Zur Kenntnis der Gattung *Carcharodus* Hbn., mit einer Betrachtung zum Art-, und Gattungsbegriff. Z. Lepid. 3: 105-142, figs.
- Amsel, H. G.**, 1953, Die Microlepidopteren der Brandt'schen Iran Ausbeute IV. Ark. Zool. 6 (16): 255-326, figs.
- Amsel, H. G.**, 1955, Irakische Kleinschmetterlinge. Beitr. naturk. Forsch. SWDtl. 14 (2): 119-129, pl.
- Amsel, H. G.**, 1959, Irakische Kleinschmetterlinge II. Bull. Soc. ent. Egypte 43: 41-83, Taf.
- Amsel, H. G.**, 1959, Microlepidoptera aus Iran (Ergebnisse der Entomologischen Reisen Willi Richter, Stuttgart, im Iran 1954 und 1956 - Nr.25). Stuttg. Beitr. Naturk. 28: 1-47, Abb., 5 Taf.
- Amsel, H. G.**, 1961, Die Microlepidopteren der Brandt'schen Iran Ausbeute V. Ark. Zool. 13 (17): 323-445, figs.
- Amsel, H. G.**, 1970, Afghanische Pyraustinae (Lepidoptera, Pyralidae). Beitr. naturk. Forsch. SWDtl. 29: 25-66, 27 textfigs., 4 pls.
- Amsel, H. G.**, 1979, Zur Unterartbildung bei *Axia theresiae* (Korb, 1900) (Lepidoptera, Axiidae). Atalanta 10 (1): 70-77, pl.
- Anton, K.-W. & A. Delobel**, 2004, Description of five new species in the genus *Caryedon* Schoenherr with a taxonomical note on *C. angeri* (Semenov) (Coleoptera, Bruchidae, Pachymerinae). Genus 15 (1): 65-90, figs.
- Atıhan, R., Yardım, E. N., Özgökçe, M. S. & M. B. Kaydan**, 2003, Van ili ve çevresinde papates ekiliş alanlarındaki zararlı böcek türleri ve doğal düşmanları. Tarım bilimleri dergisi 9 (3): 291-295.
- Ayten, Y. & M. S. Özgökçe**, 2009, Van ve çevresinde bulunan Odonata türleri yayılışları ve habitatları. YYÜ Tarım Bil. Derg. 19 (1): 1-9.
- Baisch, G., Beshkov, S. V., Gelbrecht, J., Hacker, H., Huber, K., Kallies, A. et al.**, 1998, Bausteine zur Fauna der Noctuoidea der Türkei mit einer Übersicht aller in der Türkei bisher beobachteten Noctuoidea (Lepidoptera). Esperiana 6: 213-373.
- Baldizzone, G.**, 2007, Contribuzioni alla conoscenza dei Coleophoridae CXV. Su alcune interessanti specie di Coleophoridae della Turchia e regioni limitrofe (Lepidoptera, Coleophoridae). Shilap Revta. lepid. 35 (139): 355-367, figs.
- Bang-Haas, A.**, 1913, Neue oder wenig bekannte palaearktische Macrolepidopteren VII. Dt. ent. Z., Iris 27: 108.
- Behounek, G. & H. Hacker**, 1986, *Lygephila schachtii* n.sp., eine neue Noctuidenart aus der Ost-Türkei, nebst faunistischen Angaben für neunundzwanzig weitere Noctuiden Arten aus der Ost-Türkei (Lepidoptera, Noctuidae). Entomofauna 7 (3): 41-53, 8 Abb.
- Bengtsson, B. A.**, 1997, Scythrididae, [in] Huemer, P. Karsholt, O. & L. Lyneborg, Microlepidoptera of Europe 2: 1-301, Pls.
- Benyamini, D. & M. Avni**, 2001, *Muschampia proteides stepporum* subsp. nov. from the steppe belts of eastern Israel and western Jordan (Lepidoptera, Hesperidae). Linneana Belgica 18 (1): 45-54, figs.
- Bernardi, G.**, 1970, La Variation géographique de *Anthocharis gruneri* H.S. Lambillionea 70: 1-13, figs.
- Bernardi, G.**, 1970, Note sur la Variation géographique d'*Allancastris cerisyi* Godart (Papilionidae). Lambillionea 70: 55-64.
- Betti, G.**, 1977, Nouvelles sous-espèces des *Lycaenidae* paléarctiques. Alexanor 10 (2): 87-95, Tab.i-iv.
- Betti, G.**, 1989, Contribution a la connaissance des *Parnassius* d'Anatolie (Lepidoptera, Papilionidae). Linneana Belg. 12 (2): 67-76, 3 figs.
- Beuret, H.**, 1952, *Palaeochrysophanus candens* H.S., eine bisher verkannte Art (Lycaenidae). Mitt. ent. Ges. Basel 2: 57-64, figs.
- Beyarslan, A., Aydoğdu, M. & F. İnanç**, 2004, A survey of *Meteorus* Haliday, 1835 of Turkey (Hymenoptera, Braconidae, Euphorinae). Entomofauna 25 (1): 1-20, figs. [with remnant Turkish text].
- Bezdek, J.**, 2002, *Phyllobrotica aslani* Warchalowski, 1998, a new synonym of *P. binotata* Ogloblin, 1936 (Coleoptera, Chrysomelidae, Galerucinae). Genus 13 (3): 351-352.
- Blank, S. M.**, 1991, *Tenthredo marginella hakkariensis* ssp. nov. aus der Türkei (Hymenoptera, Symphyta, Tenthredinidae). Entomofauna 12 (19): 321-327, figs.
- Bleszynski, S.**, 1965, Crambinae, [In] Amsel, H. G., Reisser, H. & F. Gregor: Microlepidoptera Palaearctica 1: xlvii + 533pp. 133 pls., Wien
- Boursin, C.**, 1932, Zwei neue *Athetis* us dem Libanon. Int. ent. Z. 26: 245-248, Pl.
- Boursin, C.**, 1952, Beiträge zur Kenntnis der Agrotidae-Trifinae, XLIX. Synonymie Notizen nebst verschiedenen Bemerkungen, III. Z. f. Lepidopt. 2 (1): 49-68.
- Boursin, C.**, 1967, Eine neue *Mythimna* O. aus Ostanatolien. Z. wien. ent. Ges. 52: 90-91, pl.
- Bramson, K. L.**, 1910, Analytische Uebersicht der Formen von *Melitaea didyma* O. Horae Soc. ent. ross. 39: 391-410.
- Bridges, C. A.**, 1993, Catalogue of the family group, genus-group and species-group names of the Sphingidae of the World. C.A. Bridges, Urbana, Illinois.
- Bryk, F.**, 1912-1914, *Parnassiana* v. Zur Synopsis der asiatischen *Mnemosyne*. Societas Ent. 27 (1912): 24-25, 38-40, 48-50, 52-53, 61-62, 87-89, 99-101, 106-107, 25 figs.; ibid. 28 (1913): 14-16; 29 (1914): 42-44, 66-71, figs.
- Burgeff, H.**, 1914, Kommentar zum palaarktischen Teil der Gattung *Zygaena* des von Chr. Aurivillius und H. Wagner herausgegebenen Catalogue Lepidopterorum. Mitt. münch. ent. Ges. 5 (5/8): 35-70; (9/12): 77-78, Taf.ii-vi.
- Carbonell, F.**, 1991, Contribution a la connaissance du genre *Archon* Hübner, 1822. Découverte de zones de sympatrie pour *Archon apollinus* (Herbst) et *A. apollinaris* Staudinger (Lepidoptera, Papilionidae). Linneana Belgica 13 (1): 3-12, figs.
- Carbonell, F.**, 1991, Contribution a la connaissance du genre *Polyommatus* en Turquie orientale (Lepidoptera, Lycaenidae). Linneana Belgica 13 (4): 221-235, figs.

- Carbonell, F.**, 1991, Une espèce jumelle méconnue du genre *Polyommatus* (*Neolysandra*) Koçak, 1977. *Linneana Belgica* 13 (1): 35-45, figs.
- Carbonell, F.**, 1993, Contribution a la connaissance du genre *Agrodiaetus* Hübner (1822): le complexe ultraspécifique d'*A. transcaspica* Staudinger (1899) (Lepidoptera, Lycaenidae). *Linneana Belgica* 14 (2): 89-116, 12 figs. Tab.
- Carbonell, F.**, 1998, Contribution a la connaissance du genre *Agrodiaetus* Hübner (1822), position taxinomique d'*Agrodiaetus anticarmon* Koçak, 1983 (Lepidoptera, Lycaenidae). *Linneana Belgica* 16 (7): 263-265, 6 figs.; 16(8): 349.
- Caspers, N. & F. Reiss**, 1989, Die Chironomidae der Türkei Teil I. Podonominae, Diamesinae, Prodiamesinae, Orthocladiinae (Diptera, Nematocera, Chironomidae). *Entomofauna* 10 (8-1): 105-160, 27 figs.
- Cassola, F.**, 1999, Studies on Tiger Beetles. CVII. The cicindelid fauna of Anatolia: faunistics and biogeography (Coleoptera, Cicindelidae). *Biogeographia* 20: 229-276, figs.
- Coutsis, J.G., Prins, W.de & D.v.d.Poorten**, 1997, *Turanana laspura* Evans separated from *T. cytis* (Christoph) as a distinct species (Lepidoptera, Lycaenidae). *Phegea* 25 (3): 135-140, 9 figs.
- Çetin Erdoğan, Ö. & A. Beyarslan**, 2006, New records of endoparasitoid *Bassus* Fabricius, 1804 (Hymenoptera, Braconidae, Agathidinae) species from Turkey. *Phytoparasitica* 34 (4): 353-356.
- Değer, S. & M. Yaman**, 2005, Van yöresi Phlebotominae (Diptera, Psychodidae) türleri. *YYÜ Vet. Fak. Derg.* 16 (1): 55-59.
- Denizhan, E. & B. Yaşar**, 2005, Van ilinde beş farklı şeftali çeşidi üzerindeki *Hyalopterus pruni* (Geoffroy) (Homoptera, Aphididae)'nin populasyon yoğunluğunun saptanması. *YYÜ J. Agric. Sci.* 15 (2): 159-166.
- Dils, J. & H. Özbek**, 2007, A new species of the genus *Exoprosopa* (Diptera, Bombyliidae) from Turkey. *Phegea* 35 (3): 81-84, 5 figs.
- Dollfuss, H.**, 1995, A worldwide revision of *Pemphredon* Latreille, 1796 (Hymenoptera, Sphecidae). *Linzer biol. Beitr.* 27 (2): 905-1019, 322 Abb.
- Dollfuss, H.**, 2004, The Crabroninae Wasps of "Biologiezentrum Linz" - Collection in Linz, Austria (Hymenoptera, Apoidea, Crabronidae), Part I. *Linzer biol. Beitr.* 36 (2): 761-784.
- Dollfuss, H.**, 2004, The Pemphredoninae Wasps of "Biologiezentrum Linz" - Collection in Linz, Austria (Hymenoptera, Apoidea, Crabronidae) *Linzer biol. Beitr.* 36 (1): 105-129.
- Dollfuss, H.**, 2006, The Crabronidae Wasps of "Biologiezentrum Linz" - Collection in Linz, Austria (Hymenoptera, Apoidea, Crabronidae), Part 2. *Linzer biol. Beitr.* 38 (1): 505-532.
- Ebert, G. & H. Hacker**, 2002, Beitrag zur Fauna der Noctuidae des Iran: Verzeichnis der Bestände im Staatlichen Museum für Naturkunde Karlsruhe, taxonomische Bemerkungen und Beschreibung neuer Taxa (Noctuidae, Lepidoptera). *Esperiana* 9: 237-409, figs.
- Ebert, G.**, 1971, Drei neue Macrolepidoptera-Arten aus Iran. *Beitr. naturk. Forsch. SWDTl.* 30: 65-71, 1 Taf., 9 Abb.
- Eckweiler, W. & C.L. Häuser**, 1997, An illustrated checklist of *Agrodiaetus* Hübner, 1822, a subgenus of *Polyommatus* Latreille, 1804 (Lepidoptera, Lycaenidae). *Nachr. ent. Ver. Apollo* (N.F.), Suppl. 16: 113-168, figs.
- Eckweiler, W. & K.G. Schurian**, 1980, Verbreitung und subspezifische Gliederung von *Neolysandra coelestina* (Eversmann, 1843) (Lep., Lycaenidae). *Atalanta* 11 (1): 69-78, 8 figs.
- Eckweiler, W.**, 1978, Eine neue Art der Gattung *Hyponephele* Muschamp aus der Südosttürkei (Lepidoptera, Satyridae). *Atalanta* 9 (4a): 375-379, 9 figs.
- Eckweiler, W.**, 1984, Eine neue Unterart von *Turanana cytis* (Christoph, 1877) aus Türkisch- Kurdistan (Lepidoptera, Lycaenidae). *Nachr. ent. Ver. Apollo* (N.F.) 5(2/3): 63-70, figs.
- Eisner, C.**, 1968, *Parnassiana nova* XLIII. Nachträgliche Betrachtungen zu der Revision der Subfamilie Parnassiinae (Fortsetzung 16). *Zool. Meded* 43 (2): 9-17, 2 Taf.
- Eitschberger, U. & M. Ströhle**, 1987, Eine neue Art der Gattung *Isoceras* Turati, 1924 aus der Türkei (Lepidoptera, Cossidae). *Atalanta* 18: 93-95, 21 figs.
- Eitschberger, U.**, [1984], Systematische Untersuchungen am *Pieris napi-bryoniae*-Komplex (s.l.) (Lepidoptera, Pieridae). *Herbipoliana* 1 (1): xxii+504pp., 1(2): 601pp. Marktleuthen.
- Eitschberger, U.**, 2002, Revidierte Checkliste der Gattungen *Amorpha* Hübner, [1819], *Laothoe* Fabricius, 1807, *Pachysphinx* Rothschild & Jordan, 1903 und *Phyllosphinxia* Swinhoe, 1897, mit den Abbildungen der Genitalstrukturen einiger Arten (Sphingidae). *Neue ent. Nachr.* 23: 151-195, figs.
- Eitschberger, U.**, 2002, Revidierte Checkliste der Gattungen *Paonias* Hübner, [1819], sowie *Smerinthus* Latreille, [1802], mit der Beschreibung neuer *Paonias*-Arten (Lepidoptera, Sphingidae). *Neue ent. Nachr.* 23: 85-149, figs.
- Fabricius, J.C.**, 1775, *Systema Entomologiae sistens Insectorum classes, ordines, genera, species, adjectis synonymis, locis, descriptionibus, observationibus.* 832 pp. Flensburgi et Lipsiae.
- Fabricius, J.C.**, 1781, *Species Insectorum* vol. 1, viii+ 552 pp., vol. 2, 494 pp. Hamburgi et Kilonii.
- Fabricius, J.C.**, 1787, *Mantissa Insectorum.* vol. 1 xx+348 pp., vol. 2, 382pp. Hafniae.
- Fabricius, J.C.**, 1793, *Entomologia systematica.* vol. 2, viii+519 pp. Hafniae.
- Fabricius, J.C.**, 1794, *Entomologia systematica.* vol. 3, pars 2, 349 pp. Hafniae.
- Fibiger, M.**, 1990, *Noctuidae Europaeae* vol. 1 Noctuinae I. 208 pp., 16 Pls., text-figs. Entomological Press, Soro.
- Fibiger, M.**, 1993, *Noctuidae Europaeae* vol. 2 Noctuinae II. 230 pp., 11 Pls., text-figs. Entomological Press, Soro.
- Fibiger, M.**, 2002, A new species in the genus *Dichagyris* Lederer, 1857 hitherto regarded as the Turkish form of *D. eremicola* (Standfuss, 1888); *Dichagyris wilsoni* sp. n. (Lepidoptera, Noctuidae). *Esperiana* 9: 511-515, pl. 9.
- Forster, W.**, 1938, Die *Lycaena pylaon*-Gruppe. *Ent. Rdsch.* 55: 213-219, 236-239, 334-337, 361-364, 417-420, 485-490, 4 Pls.
- Forster, W.**, 1956, Bausteine zur Kenntnis der Gattung *Agrodiaetus* Scudd. (Lep., Lycaen.) I. *Z. wien. ent. Ges.* 41: 42-61, 70-89, 118-127, Taf. 8-13.
- Forster, W.**, 1960-1961, Bausteine zur Kenntnis der Gattung *Agrodiaetus* Scudd. (Lep., Lycaen.) II. *Z. wien. ent. Ges.* 45: 105-142; 46: 8-13, 38-47, 74-79, 88-94, 110-116, Taf. 10-15.
- Freina, J.J.de & B. Aussem**, 1987, *Chazara bischoffi* (Herrich-Schäffer, 1846) und ihre nächstverwandten Arten (Lepidoptera, Satyridae). *NachrBl. bayer. Ent.* 36 (1): 1-10, figs.



- Freina, J.J.de & B.Aussem**, 1987, *Hyponphele urartua* sp.n., eine neue Satyriden-Art aus Anatolien (Lep., Satyridae). *Nota lepid.* 9 (3/4): 200-212, 29 Abb.
- Freina, J.J.de & M.Geck**, 2003, Studien zur Ökologie, Biologie, Verbreitung und geographischen Variabilität von *Akbesia davidi* (Oberthür, 1884) (Lepidoptera, Sphingidae). *Nachr. ent. Ver. Apollo* (N.F.) 23 (4): 167-180, figs.
- Freina, J.J.de**, 1979, Eine beobachtete Massenwanderung von *Colias crocea* Fourcroy, 1785 in Südost-Anatolien. *Atalanta* 10: 94-96, 1 fig.
- Freina, J.J.de**, 1983, *Papilio alexanor orientalis* Romanoff, 1885. Angaben zur Biologie, Verbreitung und zur Frage der Berechtigung dieses Taxons (Lepidoptera, Papilionidae). *Atalanta* 14: 23-30, figs.
- Freina, J.J.de**, 1985, Zur Verbreitung von *Eupatúra mirza* Ebert, 1971 in Kleinasien (Lepidoptera, Nymphalidae). *NachrBl. bayer. Ent.* 34(2): 49-51, figs.
- Freina, J.J.de**, 1989, *Gonepteryx rhamni* (Linnaeus, 1758) in Kleinasien. Bemerkungen zur Bionomie und geographischen Variabilität mit Beschreibung einer neuen Unterart (Lepidoptera, Pieridae). *Mitt. münch. ent. Ges.* 79: 111-117, 7 Abb.
- Freina, J.J.de**, 1994, 9. Beitrag zur systematischen Erfassung der Bombyces- und Sphinges-Fauna Kleinasiens. Weitere Kenntnisse über Artenspektrum, Systematik und Verbreitung von Cossidae, Psychidae, Cochlididae, Syntomidae, Brahmaeidae, Drepanidae, Axiidae, Hepialidae *Atalanta* 25 (1/2): 317-349, Taf. xiv, xv.
- Freina, J.J.de**, 1999, 10. Beitrag zur systematischen Erfassung der Bombyces und Sphinges-Fauna Kleinasiens. Weitere Kenntnisse über Artenspektrum, Systematik und Verbreitung der Lasiocampidae, Lemoniidae, Notodontidae, Thaumetopoeidae, Lymantriidae, Arctiidae... *Atalanta* 30 (1/4): 187-257, Taf. xi, xia.
- Fric, Z., Wahlberg, N., Pech, P. & J.Zrzavy**, 2007, Phylogeny and classification of the Phengaris-Maculinea clade (Lepidoptera, Lycaenidae): total evidence and phylogenetic species concepts. *Syst. Ent.* 32: 558-567.
- Garrevoet, T., Garrevoet, W. & H.Özbek**, 2005, A contribution to the knowledge of the Sesiidae of Turkey (Lepidoptera). *Türk J. Zool.* 29: 27-38.
- Geyer, C. [in] Hübner, J.**, [1819]-[1832], Sammlung exotischer Schmetterlinge 2: [5] pp., [225] Pls. Augsburg.
- Geyer, C., [in] Hübner, J.**, 1832, Beiträge zur Sammlung exotischer Schmetterlinge bestehend in Bekundigung einzelner Fleigmuster neuer oder rarer nichteuropäischer Gattungen. 4: 1-48, figs. 601-800. Augsburg.
- Gielis, C.**, 1996, Pterophoridae, [in] Huemer, P., Karsholt, O. & L.Lyneborg (eds.), *Microlepidoptera of Europe* 1: 1-222, 16 pls. 288 figs. Apollo Books, Stenstrup.
- Giray, H.**, 1979, Türkiye Trypetidae (Diptera) faunasına ait ilk liste. *Türk. Bitki Kor. Derg.* 3 (1): 35-46.
- Görgner, E.**, 1984, Beitrag zur Biologie von *Eupatúra mirza* Ebert, 1971 (Lep., Nymphalidae). *Nachr. ent. Ver. Apollo* (N.F.) 5(1): 7-17, figs. [Corrigendum: *ibid.*, 5 (2/3): 42].
- Grace, A.**, 2010, Introductory biogeography to Bees of the Eastern Mediterranean and Near East. 285pp. Bexhill Museum, Sussex, U.K. [ISBN 978-0-9537091-9-9] [online] [access 31 December 2010] [some taxa repeated at specific and subspecific categories].
- Gross, F.J.**, 1977, Über *Hyponphele narica* und *H. naricina* und deren Verbreitung in der Türkei (Lep., Satyridae). *Atalanta* 8 (2): 123-125.
- Gross, F.J.**, 1978, Beitrag zur Systematik von *Pseudochazara*-Arten (Lep., Satyridae). *Atalanta* 9(1): 41-103, figs.
- Guglielmi, A. & G.Platia**, 1985, Contributo alla conoscenza degli elateridi di Grecia e Turchia (Coleoptera). *Fragm. ent.*, Roma 18 (1): 169-224, figs.
- Gusenleitner, F. & M.Schwarz**, 2000, Nomenklatorische Aktualisierungen in der Bienengattung *Andrena* sowie Beschreibung einer neuen Art (Hymenoptera, Apidae, Andreninae). *Entomofauna* 21 (10): 105-116, Abb.
- Gusenleitner, J.**, 1986, Beitrag zur Kenntnis der paläarktischen Antepipona-Arten (Hymenoptera, Eumenidae). *Annln naturh. Mus. Wien* 88/89B: 565-577, 7 Abb.
- Gusenleitner, J.**, 1988, Neue und bemerkenswerte Faltenwespen aus der Türkei (Hymenoptera, Vespoidea). *Linzer biol. Beitr.* 20 (2): 713-737, 5 Abb.
- Gusenleitner, J.**, 2000, Neue Eumenidae aus Syrien, der Türkei und dem Iran (Hymenoptera, Vespoidea). *Linzer biol. Beitr.* 32 (2): 927-938, Abb.
- Gusenleitner, J.**, 2002, Neue oder bemerkenswerte Vespoidea aus dem Nahen Osten (Hymenoptera, Eumenidae, Masaridae). *Linzer biol. Beitr.* 34 (1): 335-343.
- Gyulai, P., Hreblay, M. & L.Ronkay**, 1992, New taxa and synonyms in the *Oncocnemis exacta* Christoph, 1887 Group (Lepidoptera, Noctuidae). *Acta zool. Hung.* 38: 33-46, figs.
- Hacker, H. & A.Moberg**, 1988, Zwei neue *Dasypolia* Guenée, 1852 Arten aus der östlichen Türkei (Lepidoptera, Noctuidae, Cuculliinae). *Mitt. münch. ent. Ges.* 78: 179-185, figs.
- Hacker, H. & L.Ronkay**, 1988, *Cucullia behouneki* sp.nov., *Cucullia armena* Ronkay & Ronkay, 1986 und *Cucullia prenanthis* Boisduval, 1840, in der Türkei (Lepidoptera, Cuculliinae). *Nota lepid.* 11 (1): 39-44, figs.
- Hacker, H. & P.Kuhna**, 1986, Drei neue Noctuidae-Arten aus der Türkei (Lepidoptera). *Nota lepid.* 9 (3/4): 179-188, Taf. 1, 3 Abb.
- Hacker, H. & R.Pinker**, 1987, *Cucullia mixta* ronkayi n.ssp. aus der Osttürkei (Lep., Noctuidae). *Z. ArbGem. öst. Ent.* 38 (3/4): 107-109, 1 Abb.
- Hacker, H.**, [1987], Fünfter Beitrag zur systematischen Erfassung der Noctuidae der Türkei. Beschreibung neuer Taxa und faunistisch bemerkenswerte Funde aus der Aufsammlungen von Wolf und Hacker aus dem Jahr 1985 sowie Ergänzungen zu früheren Arbeiten (Lepidoptera). *Atalanta* 17 (1/4) (1986): 27-83, 13 Taf.
- Hacker, H.**, 1985, Dritter Beitrag zur Erfassung der Noctuidae der Türkei. Beschreibung neuer Taxa, Erkenntnisse zur Systematik der kleinasiatischen Arten und faunistisch bemerkenswerte Funde aus den Aufsammlungen von Hacker und Wolf aus dem Jahr 1984 (Lepidoptera). *Neue Ent. Nachr.* 15: 1-65, Taf.
- Hacker, H.**, 1986, 2. Beitrag zur Erfassung der Noctuidae der Türkei. Beschreibung neuer Taxa, Erkenntnisse zur Systematik der kleinasiatischen Arten und faunistisch bemerkenswerte Funde aus den Aufsammlungen von de Freina aus den Jahren 1976-1983 (Lepidoptera). *Spixiana* 9 (1): 25-81, figs.
- Hacker, H.**, 1989, Die Noctuidae Griechenlands, mit einer Übersicht über die Fauna des Balkanraumes. *Herbipoliana* 2: 1-590, Taf.

- Hacker, H.**, 1990, Die Noctuidae Vorderasiens (Lepidoptera). Neue ent. Nachr. 27: 1-707, 16 Taf.
- Hacker, H.**, 1992, Ergänzungen zu "Die Noctuidae Vorderasiens" und neuere Forschungsergebnisse zur Fauna der Türkei (Lepidoptera). Esperiana 3: 409-446, Abb.
- Hacker, H.**, 1996, Ergänzungen zu "Die Noctuidae Vorderasiens" und neuere Forschungsergebnisse zur Fauna der Türkei II (Lepidoptera). Esperiana 4: 273-330, Abb.
- Hacker, H.**, 1998, Ergänzungen zu "Die Noctuidae Vorderasiens" III (Lepidoptera). Esperiana 6: 185-212, figs.
- Hacker, H.**, 2004, Revision of the genus *Caradrina* Ochsenheimer, 1816, with notes on other genera of the tribe Caradrini (Lepidoptera, Noctuidae). Esperiana 10: 7-690, 27 Pls.
- Hasbenli, A.**, 1997, Contributions to Bat Flies of Turkey (Diptera, Nycteribiidae, Streblidae). J. Inst. Sci. Techn. Gazi Univ. 10 (4): 533-544, 4 figs.
- Häuser, C.L. & W.Eckweiler**, 1997, A catalogue of the species-group taxa in *Agrodiaetus* Hübner, 1822, a subgenus of *Polyommatus* Latreille, 1804 (Lep., Lycaenidae), [in] Eckweiler & Häuser, Contributions to the systematics and biology of the *Polyommatus* (*Agrodiaetus*) species-group (Lep.). Nachr. Ent. Ver. Apollo, Suppl. 16: 53-112.
- Heiss, E. & J.Péricart**, 1983, Revision of Palaearctic Piesmatidae (Heteroptera). Mitt. münch. ent. Ges. 73: 61-171, figs.
- Hellmich, W.**, 1969, Bemerkungen zur Tiergeographie und Ökologie des Vansee-Beckens in Ostanatolien. Veröff. Zool. Staatssamml. München 13: 143-154.
- Herrich-Schäffer, G.A.W.**, 1843-[1856], Systematische Bearbeitung der Schmetterlinge von Europa, zugleich als Text, Revision und Supplement zu Jacob Hübner's Sammlung europäischer Schmetterlinge. 6 vols. Regensburg.
- Hesselbarth, G., Oorschot, H.v. & S.Wagener**, 1995, Die Tagfalter der Türkei unter Berücksichtigung der angrenzenden Länder. Bde. 1 & 2: 1354 S. 75 Abb., 21 Tab., 2 fb. Karte, 36 fb. Tab. Bd.3: 847 S., 128 fb. Tab., 13 sw Tab., vi+342 Karte. Selbstverlag S.Wagener, Bocholt.
- Heyne, A.**, 1897, *Polyommatus virgaureae* L. nov. var. *aureomicans* Heyne. Societas ent. 12: 9.
- Higgins, L.G.**, 1941, An illustrated catalogue of the Palaearctic Melitaea (Lep., Rhopalocera). Trans. R. ent. Soc. Lond. 91 (7): 175-354, 16 Pls, 214 figs., 7 maps.
- Higgins, L.G.**, 1950, A descriptive catalogue of the Palaearctic *Euphydryas* (Lepidoptera, Rhopalocera). Trans. R. ent. Soc. Lond. 101 (2): 435-489, 7 maps, 44 figs.
- Higgins, L.G.**, 1966, Check-List of Turkish Butterflies. Entomologist 99: 209-222, 1 map.
- Higgins, L.G.**, 1975, The classification of European butterflies. 320 pp., 402 text-figs. Collins, London.
- Higgins, L.G.**, 1978, A Revision of the genus *Euphydryas* Scudder (Lep., Nymphalidae). Entomologist's Gaz. 29: 109-115, 19 figs.
- Hofmann, A.**, 2005, Neue Zygaena-Taxa aus Südosteuropa, Vorder- und Zentralasien (Lepidoptera, Zygaenidae). Bonn. zool. Beitr. 53 (1/2) (2004): 81-97, 63 figs.
- Holik, O. & L. Sheljuzhko**, 1955, Über die Zygaenen-Fauna Osteuropas, Kleinasien, Irans, Zentralasien und Sibiriens. Mitt. münch. ent. Ges. 44/45: 26-158.
- Holik, O. & L. Sheljuzhko**, 1956, Über die Zygaenen-Fauna Osteuropas, Kleinasien, Irans, Zentralasien und Sibiriens. Mitt. münch. ent. Ges. 46: 93-239.
- Holik, O. & L. Sheljuzhko**, 1957, Über die Zygaenen-Fauna Osteuropas, Kleinasien, Irans, Zentralasien und Sibiriens. Mitt. münch. ent. Ges. 47: 143-185.
- Hreblay, M.**, 1992, Neue Taxa und Synonyme der Gattung *Conistra* Hübner, [1821] (Lepidoptera, Noctuidae). Esperiana 3: 531-544, figs.
- Hreblay, M.**, 1992, Revision der Gattung *Valerietta* Draudt, 1938. Esperiana 3: 235-241, 14 Abb.
- Hübner, J.**, 1793, Sammlung auserlesener Vögel und Schmetterlinge. 16pp., 100 Pls., Augsburg.
- Hübner, J.**, 1796-[1833], Sammlung europäischer Schmetterlinge. vol. 7, Tortrices: 53 Pls., Augsburg.
- Hübner, J.**, 1796-[1833], Sammlung europäischer Schmetterlinge. vol. 6, Pyralides: 32 Pls., Augsburg.
- Hübner, J.**, 1796-[1836], Sammlung europäischer Schmetterlinge. vol. 8, Tineae: 71 Pls., Augsburg.
- Hübner, J.**, 1796-[1838], Sammlung europäischer Schmetterlinge. vol. 2, Sphinges: 38 Pls., Augsburg.
- Hübner, J.**, 1796-[1838], Sammlung europäischer Schmetterlinge. vol. 5, Geometrae: 113 Pls., Augsburg.
- Hübner, J.**, 1799-[1838], Sammlung europäischer Schmetterlinge. vol. 1, Papilios: 207 Pls., Augsburg.
- Hübner, J.**, 1800-[1836], Sammlung europäischer Schmetterlinge. vol. 4, Noctuae: 181 Pls., Augsburg.
- Hübner, J.**, 1800-[1836], Sammlung europäischer Schmetterlinge. vol. 9, Alucitae: 7 Pls., Augsburg.
- Hübner, J.**, 1800-[1838], Sammlung europäischer Schmetterlinge. vol. 3, Bombyces: 83 Pls., Augsburg.
- Hübner, J.**, 1816-[1826], Verzeichnis bekannter Schmetterlinge. 431 pp., Augsburg.
- Hübner, J.**, 1822, Systematisch -alphabetisches Verzeichniss aller bisher bei den Fürbildungen zur Sammlung europäischer Schmetterlinge ausgegebenen Benennungen mit Vormerkung auch Augsburscher Gattungen. 81 pp. Augsburg.
- Igarashi, S.**, 1971, *Protopatara iwasei*; a new Nymphalid butterfly from Kurdistan, the Northern Iraq (Nymphalidae). Tyo to Ga 22 (1/2): 14-17, 6 figs.
- Ignatyev, N.N. & V.V.Zolotuhin**, 2005, A review of syntomids (Lepidoptera, Syntomidae) of Russia and adjacent territories. Part 1. Genus *Syntomis* Ochsenheimer, 1808. Eversmannia 2005 (3/4): 28-54, figs.
- Jong, R.de**, 1978, Monograph of the genus *Spialia* Swinhoe (Lepidoptera, Hesperidae). Tijdschr. Ent. 121: 23-146.
- Jong, R.de**, 1984, Notes on the genus *Thymelicus* Hübner (Lepidoptera, Hesperidae). Nota lepid. 7 (2): 148-163, 31 figs.
- Jordan, K.**, 1909, Familie: Zygaenidae, Widderchen. [in] Seitz, A., Die Gross-Schmett. Erde 2: 3-34, pls., Stuttgart.
- Kallies, A. & K.Spatenka**, 2003, The Clearwing Moths of Iran (Lepidoptera, Sesiidae). Linneana Belg. 19 (2): 81-94; 19 (3): 119-126, 22 figs.
- Kallies, A.**, 2001, Revision of the *Brachodes pumila* (Ochsenheimer, 1808) species-group (Sesioidea, Brachodidae). Nota lepid. 24 (1/2): 7-19, figs.
- Kandul, N.P., et al.**, 2004, Phylogeny of *Agrodiaetus* Hübner, 1822 (Lepidoptera, Lycaenidae) inferred from mtDNA sequences of COI and COII and nuclear sequences of EF1- $\alpha$ : Karyotype diversification and species radiation. Syst. Biol. 53 (2): 278-298.

- Karabağ, T.**, 1958, Türkiye'nin Orthoptera faunası. T.C. Ankara Üniversitesi Fen Fakültesi Yayınları Um.81, Zooloji 4. 198 s., 1 harita. İstanbul.
- Karisch, T.**, 2003, Die Sammlungen des Museums für Naturkunde und Vorgeschichte Dessau VII. Die Cochylini (Lepidoptera, Tortricidae) der Sammlung Dr. W. Thomas (Nachtrag) mit Beschreibung von zwei neuen Arten. Naturw. Beitr. Mus. Dessau 15: 121-129, Taf.8.
- Karsholt, O. & J. Razowski (eds)**, 1996, The Lepidoptera of Europe, A Distributional Checklist. 380 pp., Apollo Books, Stentrup.
- Kayci, L. & M. Fidan**, 2010, Chazaria incarnata (Freyer, 1838) türünün biyolojisi ve yayılış hakkında notlar (Lepidoptera, Noctuidae). Cesa News 59: 55-59, 6 şekil.
- Kayci, L.**, 2007, Studies on the fauna and ecology of Papilionoidea and Hesperioidea in Ereğ Mountain (Van). Cent. ent. Stud., Priamus (suppl.) 6: 1-47.
- Kazancı, N.**, 2009, Ephemeroptera (Insecta) fauna of Turkey: Records from eastern Anatolia (Turkey). Review Hydrobiol. 2: 187-195.
- Kemal, M. & A. Ö. Koçak**, 2005, Annotated Checklist of the Lepidoptera of Çatak Valley (Van Province, Turkey), Part I. Cent. ent. Stud., Priamus 11 (3): 29-58.
- Kemal, M. & A. Ö. Koçak**, 2006, A new genus and a new species of Ascalaphidae for the fauna of Turkey (Planipennia). Cent. ent. Stud., Misc. Pap. 99: 1-3, 2 figs.
- Kemal, M. & A. Ö. Koçak**, 2006, A new genus and a new species of Ascalaphidae for the fauna of Turkey (Planipennia). Cent. ent. Stud., Misc. Pap. 99: 1-3, 3 figs.
- Kemal, M. & A. Ö. Koçak**, 2006, Nemophora eretna n.sp. from Turkey (Adelidae, Lepidoptera). Cent. ent. Stud., Misc. Pap. 100: 1-4, 3 figs.
- Kemal, M. & A. Ö. Koçak**, 2007, South African Noctuidae species in the fauna of Turkey (Lepidoptera). [http://www.metafro.be/Members/Cesa/internet\\_sayfas305/base\\_view](http://www.metafro.be/Members/Cesa/internet_sayfas305/base_view)
- Kemal, M. & A. Ö. Koçak**, 2008, Conops flavicaudus Bigot in South East Turkey (Conopidae, Diptera). Cesa News 36: 7-9, figs. 9-12.
- Kemal, M. & A. Ö. Koçak**, 2008, Further record of pre-imaginal stages of Esperarge (s.str.) clymene ssp. valentinae (Miller) from Van Province (East Turkey). Cesa News 19: 1-5, 5 figs. 1 map.
- Kemal, M. & A. Ö. Koçak**, 2008, Occurrence of Soldier Bug (Spilostethus pandurus) in Van Province (Turkey) (Hemiptera, Lygaeidae). Cesa News 33: 1-3, 3 figs. 1 map.
- Kemal, M. & A. Ö. Koçak**, 2010, Cicadidae of Turkey and some ecological notes on Tibicina serhadensis Koçak & Kemal from Van Province (East Turkey) (Homoptera). Cesa News 55: 1-19, 1 map, 26 figs.
- Kemal, M. & A. Ö. Koçak**, 2010, Illustrated list of the Zygaena Fabr. species in Turkey based upon the Info-system of the Cesa (Lepidoptera, Zygaenidae, Zygaeninae). Cesa News 54: 1-35, 53 figs.
- Kemal, M. & A. Ö. Koçak**, 2010, Miscellaneous notes on the pterygot insects of Kato Mountains with illustrations their spring aspects (South East Turkey). Cesa News 57: 1-67, 107 figs. 1 map.
- Kemal, M. & A. Ö. Koçak**, 2010, Miscellaneous notes on the pterygot insects of Kato Mountains with illustrations their spring aspects (South East Turkey). Cesa News 57: 1-67, 107 figs. 1 map.
- Kemal, M. & A. Ö. Koçak**, 2010, Winter trips to South Van Lake and the cynipid galls on oaks (Hymenoptera, Cynipidae). Cesa News 56: 1-66, 90 figs.
- Kemal, M. & A. Ö. Koçak**, 2010, Winter trips to south Van Lake and the cynipid galls on oaks (Hymenoptera, Cynipidae). Cesa News 56: 1-66, 90 figs. 1 table, 22 maps.
- Kemal, M. & A. Ö. Koçak**, 2011, Teratolytta kulzeri, a little known Blister Beetle from East Turkey (Coleoptera, Meloidae). Cesa News 64: 7-11, 6 figs. 1 map.
- Kemal, M. & B. Bakan**, 2011, Oxycaenus pallens (H.-S.) in Van Province (East Turkey) (Hemiptera, Lygaeidae). Cesa News 71: 1-5, 6 figs. 1 map.
- Kemal, M. & M. Mükemre**, 2011, New larval food-plant and pupa of the species Satyrium abdominalis in East Turkey (Lepidoptera, Lycaenidae). Cesa News 64: 1-3, 3 figs.; corrigendum: ibid. 66: 37.
- Kemal, M. & O. Karabacak**, 2008, Ephelis cruentalis'in Biyolojisi Hakkında (Lepidoptera, Pyralidae). Cent. ent. Stud., Misc. Pap. 139-140: 6-10, 9 şekil.
- Kemal, M. & Özkol, H. & L. Kayci**, 2008, Xylena Ochsenheimer in East Turkey with new provincial records and larval food-plants (Noctuidae, Lepidoptera). Cent. ent. Stud., Misc. Pap. 139-140: 10-14, 12 figs.
- Kemal, M.**, 2006, Bilimsel gezilerimden anılar I-Norduz Yaylası. Cent. ent. Stud., Priamus Suppl.4: 1-25, 52 figs.
- Kemal, M.**, 2008, A hunting Camel Spider at Çatak, Van Province, East Turkey (Galeodidae, Solifugae). Icon. Arachn. (A), <http://www.archive.org/details/IconographiaArachnidorumSeriesABByTheCesa>
- Kemal, M.**, 2008, Pieris ergane [in] Butterflies at Artos Mountain, Van Province, East Turkey. Icon. Insect. (A), <http://www.archive.org/details/PierisErganeInButterfliesAtArtosMountVanProvinceEastTurkey>
- Kemal, M.**, 2008, Van Gölü havzasında kelebek çeşitliliği (Diversity of the butterflies in Van Lake Basin East Turkey). Cesa News 9: 1-6, 5 figs.
- Kemal, M.**, 2009, Biodiversity in Ereğ Mountain and its rarest butterfly Callophrys mystaphia (Lepidoptera, Lycaenidae). <http://www.archive.org/details/BiodiversityInErekMountainAndItsRarestButterflyCallophrysMystaphiaeg>
- Kemal, M., Özkol, H. & L. Kayci**, 2008, Diurnal Lepidoptera of Sarmaç village Ereğ Mountain (Van Province, East Turkey). Cesa News 19: 5-17, 20 figs.
- Kitching, I. J. & J. E. Rawlins**, 1999, The Noctuoidea, [in] N. P. Kristensen, Lepidoptera Moths and Butterflies, volume 1: Evolution, Systematics and Biogeography, [in] M. Fischer, Arthropoda: Insecta, 35: Volume IV: 355-401. Walter de Gruyter, Berlin & New York.
- Koçak, A. Ö. & M. Kemal**, 2001, Addenda and Corrigenda to the work entitled: "Guide to the butterflies of Russia and adjacent territories (Lepidoptera, Rhopalocera) volume 2" edited by Tusov, V. K. et al., Sofia - Moscow, 2000. Cent. ent. Stud., Misc. Pap. 75: 1-3.



- Koçak,A.Ö. & M.Kemal**, 2001, Türkiye kelebeklerinin anadillerdeki isimlerinin listesi. Cent. ent. Stud., Misc. Pap. 72/73: 1-15.
- Koçak,A.Ö. & M.Kemal**, 2002, Bazı taksonomik ve zoocoğrafik notlarla birlikte Hyponephele Muschamp cinsinin kataloğu (Lepidoptera, Satyridae). Cent. ent. Stud., Misc. Pap. 80/81: 1-15, 1 Tab.
- Koçak,A.Ö. & M.Kemal**, 2002, Euapatura mirza'nın besin bitkisi hakkında (Lepidoptera, Argynniidae). Cent. ent. Stud., Misc. Pap. 86: 5-7, figs.
- Koçak,A.Ö. & M.Kemal**, 2002, Faunistik taksonomik ve zoocoğrafik notlarla Çatak kelebekleri (Papilionoidea, Hesperioidea, Lepidoptera). Cent. ent. Stud., Misc. Pap. 82/85: 1-32, figs.
- Koçak,A.Ö. & M.Kemal**, 2002, Türkiye'de bir Karakuşaklı Güzel Colobochyla platyzona (Lederer,1870) (Noctuidae, Lepidoptera). Cent. ent. Stud., Misc. Pap. 86: 2-5, figs.
- Koçak,A.Ö. & M.Kemal**, 2002, Van'da üç nadir Sinirkanath türü hakkında (Planipennia, Ascalaphidae, Nemopteridae). Cent. ent. Stud., Misc. Pap. 87: 5-8, 6 figs.
- Koçak,A.Ö. & M.Kemal**, 2002, Van'da üç nadir sinirkanath türü hakkında (Planipennia, Ascalaphidae, Nemopteridae). Cent. ent. Stud., Misc. Pap. 87: 5-8, figs.
- Koçak,A.Ö. & M.Kemal**, 2006, Checklist of Lepidoptera of Turkey. Cent. ent. Stud., Priamus Suppl. 1: 1-196.
- Koçak,A.Ö. & M.Kemal**, 2007, Preliminary checklist of Loxostege Hbn., with some taxonomical and geographical notes (Lepidoptera, Pyralidae). Cent. ent. Stud., Misc. Pap. 136: 2-8.
- Koçak,A.Ö. & M.Kemal**, 2007, Revised and annotated checklist of the Lepidoptera of Turkey. Cent. ent. Stud., Priamus Suppl. 8: 1-150, 2 Tables.
- Koçak,A.Ö. & M.Kemal**, 2008, Announcement with illustrations: "Studies on the Lepidoptera Fauna of Artos Mountain (Van Province, East Turkey)". Cesa News 27: 1-10, 18 figs.
- Koçak,A.Ö. & M.Kemal**, 2008, Checklist of the diurnal Lepidoptera of Turkey. Cent. ent. Stud., Priamus Suppl. 15: 1-41.
- Koçak,A.Ö. & M.Kemal**, 2008, Notes on some rare Planipennia species in East Turkey (Neuroptera, Planipennia, Myrmeleonidae, Ascalaphidae, Nemopteridae). Cesa News 18: 1-5, 5 figs. 2 maps.
- Koçak,A.Ö. & M.Kemal**, 2008, On the late summer butterflies of Artos Mountain (Van Province, East Turkey). Cesa News 29: 1-11, 17 figs.
- Koçak,A.Ö. & M.Kemal**, 2009, Report on the "Entomofauna of Turkey" 4- Revised and expanded index of the species of the Pterygot Insects of Turkey. Cesa News 41: 4-46, 2 figs.
- Koçak,A.Ö. & M.Kemal**, 2010, List of the species of some pterygot orders recorded in the province Van (East Turkey) and a description of a new species in the family Cicadidae (Insecta). Priamus 12 (5): 130-149.
- Koçak,A.Ö. & M.Kemal**, 2010, Synonymic and distributional list of the pterygot insects of Turkey (Results of the Entomofauna of the World based upon info-system of the Cesa) - 26. Cent. ent. Stud., Priamus (Suppl.) 18: 1004-1724.
- Koçak,A.Ö. & M.Kemal**, 2011, Notes on the Insecta in the collection of the Cesa. Lepidoptera of Turkey III. Cesa News 68: 1-17, 21 figs.
- Koçak,A.Ö. & M.Kemal**, 2011, Notes on the Insecta in the collection of the Cesa. Lepidoptera of Turkey II. Cesa News 67: 1-26.
- Koçak,A.Ö. & M.Kemal**, 2011, Notes on the Insecta in the collection of the Cesa. Lepidoptera of Turkey I. Cesa News 66: 1-37.
- Koçak,A.Ö. & S.Seven**, 1994, Türkiye Lepidoptera Bibliyografyası. Cent. ent. Stud., Memoirs 2: 1-141.
- Koçak,A.Ö. & S.Seven**, 1994, Türkiye Lepidoptera faunasına katkılar-II. Cent. ent. Stud., Misc. Pap. 21: 1-8.
- Koçak,A.Ö. & S.Seven**, 1994, Türkiye Lepidoptera faunasına katkılar-I. Cent. ent. Stud., Misc. Pap. 20: 1-8.
- Koçak,A.Ö. & S.Seven**, 1998, A tentative list of the threatened butterflies in Turkey. Cent. ent. Stud., Misc. Pap. 52: 3-8.
- Koçak,A.Ö.**, 1975, New Lepidoptera from Turkey-I. Atalanta 6 (1): 24-30, figs.
- Koçak,A.Ö.**, 1976, A new subspecies of Melanargia larissa from Turkey (Lepidoptera, Satyridae). Atalanta 7 (1): 40-41, 2 figs.
- Koçak,A.Ö.**, 1977, Studies on the family Lycaenidae (Lep.) I. New taxa and records from East Turkey. Atalanta 8 (1): 41-62, 24 figs.
- Koçak,A.Ö.**, 1980, Studies on the family Lycaenidae III. A review of the subspecies of Agrodiaetus (Sublysandra) myrrhus (H.-S.,1852). Atalanta 11 (4): 262-272, 14 figs.
- Koçak,A.Ö.**, 1981, On the status of the family names Nymphalidae and Heliconiidae described by Swainson. Cent. ent. Stud., Priamus 1 (2): 93-96.
- Koçak,A.Ö.**, 1981-1984, Critical Check-list of European Papilionoidea (Lepidoptera). Cent. ent. Stud., Priamus 1 (2): 46-90; 1 (4): 155-167; 2 (2): 69-92; 3 (1): 11-37.
- Koçak,A.Ö.**, 1982, Notes on Archon apollinus (Herbst,1798) (Papilionidae, Lepidoptera). Cent. ent. Stud., Priamus 2 (1): 44-63, figs., map.
- Koçak,A.Ö.**, 1982-1987, On the validity of the species group names proposed by Denis & Schiffmüller,1775 in "Ankündigung (sic!) eines systematischen Werkes von den Schmetterlingen der Wiener Gegend". Cent. ent. Stud., Priamus 2 (1): 4-42; 3 (3): 98-130; 3 (4): 133-154; 4 (1/2): 22-36; 4 (3): 81-86.
- Koçak,A.Ö.**, 1983, On the nomenclature of the genus Hipparchia Fabricius,1807 (Lepidoptera, Satyridae). Cent. ent. Stud., Priamus 2 (4): 166-169.
- Koçak,A.Ö.**, 1983, On the nomenclature of Thersamonia thersamon (Esper,1784) from the West Palaearctic Region (Lycaenidae, Lepidoptera). Cent. ent. Stud., Priamus 3 (1): 3-5.
- Koçak,A.Ö.**, 1987, Sultania lophotalis (Hampson) Koçak in Turkey, with a description of a new genus (Lepidoptera, Pyralidae). Cent. ent. Stud., Priamus 4 (3): 117-120, figs.
- Koçak,A.Ö.**, 1992, Lycaenidae familyasında yeni bir altcins Aleiphronia'nın tanımı ve Türkiyede'ki taksonlarına ait bazı taksonomik notlar (Lepidoptera, Lycaenidae). Cent. ent. Stud., Misc. Pap. 16: 1-5.
- Koçak,A.Ö.**, 2000, Revisional notes on the taxonomy of 'euryпилос Gerhard' and 'surakovi Dantchenko & Lukhtanov' in the genus Latreille (Lycaenidae, Lepidoptera). Cent. ent. Stud., Misc. Pap. 65/66: 8-10.

- Koçak, A.Ö.**, 2008, Description of *Choreutis muhabbet* sp.n. (Choreutidae, Lepidoptera). Cent. ent. Stud., Misc. Pap. 142: 6-7.
- Koçak, A.Ö.**, 2008, Illustration of *Choreutis muhabbet* Koçak, 2008 described in Miscellaneous Papers Nr. 142 pages 6-7 of the Cesa. Cesa News 30: 17, fig.1.
- Koçak, A.Ö., Kemal, M. & L. Kayci**, 2011, List of the species of the Lepidoptera of Van Province (East Turkey). Cent. ent. Stud., Priamus (Suppl.) 23: 1-43, 9 figs.
- Koçak, A.Ö., Seven, S. & Y. Hüseyinoğlu**, 1997, *Eucharia festiva* ssp. *nivea* (Bang-Haas, 1927)'nin taksonomisi ve dağılışı Hakkında (Lepidoptera, Arctiidae). Cent. ent. Stud., Misc. Pap. 38: 5-8, 2 harita.
- Korb, M.**, 1900, *Epicimelia theresiae* nov. spec. Dt. ent. Z., Iris 12: 300-302, Taf. 7.
- Korneyev, V.A.**, 2006, A revision of the *quadratura* group of the genus *Terellia* Robineau-Desvoidy (Diptera, Tephritidae). Israel J. Ent. 35-36: 341-366, figs.
- Kostrowicki, A.S.**, 1961, Studies on the Palaearctic species of the subfamily *Plusiinae* (Lepidoptera). Acta zool. cracov. 6: 367-472, pls.
- Kostrowicki, A.S.**, 1969, Geography of the Palaearctic *Papilionoidea* (Lepidoptera). 380 pp., 125 figs. Panstowe Wyd. Nauk., Warszaw.
- Kozhantschikov, I.V.**, 1928, Beitrag zur Kenntnis der Agrotiden. Übersicht der Gattung *Triphaena* Hb. Encycl. ent. (B3) 3: 67-87, 7 figs.
- Lattin, G.de**, 1950, Türkische Lepidopteren -I. Ist. Univ. Fen Fak. Mec. (Ser B) 15 (4): 301-328, Taf. I, II.
- Lattin, G.de**, 1951, Türkische Lepidopteren -II. Ist. Univ. Fen Fak. Mec. (Ser B) 16 (1): 45-73, Taf. III.
- Leach, W.E.**, [1815], Entomology [In] Brewster, D., Edinburgh Encyclopaedia 9. vol., pt. 1. 57-172 pp., Edinburgh.
- Leach, W.E.**, 1817, The zoological Miscellany. 3. vol. 151 pp., 5 Pls. London.
- Lederer, J.**, 1855, Beitrag zur Schmetterlings-Fauna von Cypern, Beirut und einem Theile Klein-Asiens. Verh. zool.- bot. Ver. Wien 5: 177-254, 5 Taf.
- Lederer, J.**, 1858, Noch einige syrische Schmetterlinge. Wien. ent. Monatschr. 2 (5): 135-152, 3 Taf.
- Lederer, J.**, 1861, Ueber Alb. Kindermanns letzte lepidopterologische Ausbeute. Wien. ent. Monatschr. 5: 144-155, 2 Taf.
- Lederer, J.**, 1863, Beitrag zur Kenntnis der Pyraliden. Wien. ent. Monatschr. 7(8): 243-280, 7(10): 331-378, 7(11): 380-426, 7(12): 427-502, Taf. 2-18.
- Lederer, J.**, 1870, Contributions a la Faune des Lépidoptères de la Transcaucasie. Anns. Soc. ent. Belg. 13: 17-54, 2 Taf.
- Lefèbvre, M.A.**, 1927, Description de divers insectes inédits recueillis en Sicile. Mém. Soc. linn. Paris 6: 94-108, pl. 5.
- Leraut, P.J.A.**, 1997, Liste systématique et synonymique des Lépidoptères de France, Belgique et Corse (deuxième édition). 526pp. Paris.
- Lesse, H.de**, 1959, Caractères externes et formule chromosomique d'*Agrodiaetus baytopi* n.sp. (Lep., Lycaenidae). Bull. Soc. ent. Mulhouse 1959: 44-48, 6 figs.
- Lesse, H.de**, 1959, Note sur deux especes d'*Agrodiaetus* (Lep., Lycaenidae) récemment séparées d'après leurs formules chromosomiques. Bull. Soc. ent. Mulhouse 1959 (1/2): 5-10, 9 figs.
- Lesse, H.de**, 1961, Les nombres de chromosomes chez *Agrodiaetus dolus* Hübner et les especes voisines (Lycaenidae). Alexanor 2 (2): 57-63; 2 (3): 72; Tab. 3, figs. 1-6.
- Lesse, H.de**, 1963, Variation chromosomique chez *Agrodiaetus carmon* H.S. et *A. cyanea* Stgr. (Lep., Lycaenidae). Revue fr. Ent. 30 (3): 177-181, 2 figs. 2 tab.
- Lesse, H.de**, 1963, Variation chromosomique chez les *Agrodiaetus* (Lep., Lycaenidae). Revue fr. Ent. 30 (3): 182-189, 4 figs.
- Lienig, F. & P.C. Zeller**, 1846, Anmerkungen, [in] Lienig, F., Lepidopterologische Fauna von Livland und Kurland. Isis 1846 (3): 175-302.
- Linnaeus, C.**, 1758, Systema Naturae per regna tria naturae secundum classes, ordines, genera, species cum characteribus, differentiis, synonymis, locis. ed. decima reformata. Tom. 1, 823 pp. Holmiae.
- Linnaeus, C.**, 1761, Fauna Suecica sistens animalia Sueciae regni: quadrupedia, aves, amphibia, pisces, insecta, vermes, distributa per classes, et ordines, genera et species, cum differentiis specierum, synonymis autorum, nominibus incolarum, ... 578pp. Stockholmiae.
- Linnaeus, C.**, 1767, Systema Naturae per regna tria naturae secundum classes, ordines, genera, species, cum characteribus, differentiis, synonymis, locis. editio duodecima reformata. Tom. 1, P. 2: 553-1327 pp. Holmiae.
- Lodos, N. & F. Önder**, 1978, Contribution to the study of Turkish Pentatomoidea (Heteroptera). Türk. Bitki kor. derg. 2 (1): 15-29, figs.
- Lukhtanov, V.A. & A.V. Dantchenko**, 2003, Two new chromosome races of *Agrodiaetus altivagans-wagneri* complex (Lepidoptera, Lycaenidae) Atalanta 34 (3/4): 421-428, pl. xxviii.
- Lukhtanov, V.A.**, 1989, Karyotypes of some blue butterflies of the *Agrodiaetus* species groups (Lepidoptera, Lycaenidae). Ann. ent. fenn. 55: 137-144, 6 figs.
- Lukhtanov, V.A., Kandul, N.P., Prins, W.O.de & D.v.d. Poorten**, 1998, Karyology of species of *Polyommatus* (*Agrodiaetus*) from Turkey: new data and their taxonomic consequences (Lepidoptera, Lycaenidae). Holart. Lepid. 5 (1): 1-8, 15 figs.
- Madl, M.**, 1997, Über Vespiden, Pompiliden, Scoliiden und Tiphiden der Türkei (Hymenoptera). Linzer biol. Beitr. 29 (2): 823-827.
- Marion, H.**, 1957, Classification et nomenclature des Pyraustidae d'Europe. Entomologiste 13: 75-87.
- Marion, H.**, 1957, Complément à la classification et nomenclature des Pyraustidae d'Europe. Entomologiste 13: 129-130.
- Meigen, J.W.**, 1829-1832, Systematische Bearbeitung der europäischen Schmetterlinge.
- Melika, G., Stone, G.N., Sadeghi, S.E. & Pujade-Villar, J.**, 2004, New species of cynipid gall wasps from Iran and Turkey (Hymenoptera, Cynipidae, Cynipini). Acta zool. hung. 50 (2): 139-151, figs.
- Morton, K.J.**, 1914, Notes on a collection of Odonata from Van, Turkey in Asia. Entomologist's mon. Mag. 50: 56-59, pl. viii.
- Müller, G.C., Kravchenko, V.D., Witt, T.J., Junnila, A., Mooser, J., Saldaitis, A., Reshöft, K., Ivinskis, P., Zahiri, R. & W. Speidel**, 2008, New underwing taxa of the section of *Catocala lesbia* Christoph, 1887 (Lepidoptera, Noctuidae). Acta zool. Lituanica 18 (1): 30-49, figs.

- Naumann, C.M. & S.Naumann**, 1985, Zur morphologischen Differenzierung asiatischer Populationen des *Zygaena purpuralis*-Komplexes (Lepidoptera, Zygaenidae). Entomofauna 6 (20): 265-358, 286 figs.
- Naumann, C.M., Tarmann, G.M. & W.G.Tremewan**, 1999, The western Palaearctic Zygaenidae. 304pp., 12 pls. Apollo Books. [see review: Koçak, A.Ö., 2000, Cent. ent. Stud., Misc. Pap. 64: 7].
- Nekrutenko, Y.P.**, 1983, *Neolysandra alticola* (Christoph, 1893) comb. et stat.n. = *Albulina alexander* Higgins, 1981, syn.n. Vestn. Zool. 1: 52.
- Oberthür, C.**, 1869, *Thais deyrollei*. Petites Nouv. Ent. 1869: 7.
- Oberthür, C.**, 1872, Catalogue raisonné des Lépidoptères rapportés par M. Théophile Deyrolle de son exploration scientifique en Asie Mineure. Revue Mag. zool. 23: 480-488.
- Oorschot, H.v., Brink, H.v.d. & B.v.Oorschot**, 1987, *Rhopalocera* of Turkey. 3. Geographical variation of *Pseudochazara anthelea* (Hübner) and description of *P.anthelea selcuki* n.ssp. (Lepidoptera, Satyridae). Ent. Ber., Amst. 47 (6): 91-95, figs.
- Oosterbroek, P.**, 1978-1979, The western Palaearctic species of *Nephrotoma* Meigen, 1803 (Diptera, Tipulidae) Parts 1-4. Beaufortia 27: 1-137; ibid. 28: 57-111, 157-203; ibid. 29: 129-197.
- Oosterbroek, P.**, 1994, Notes on western Palaearctic species of the *Tipula* (Yamatotipula) *lateralis* group, with the description of a new species from Turkey (Diptera, Tipulidae). Eur. J. Ent. 91: 429-435, figs.
- Önder, F., Karsavuran, Y., Tezcan, S. & M.Fent**, 2006, Türkiye Heteroptera (Insecta) Kataloğu. 164 s. İzmir.
- Özbek, H.**, 1983, Doğu Anadolu'nun bazı yörelerindeki *Eucera* Scop. ve *Tetralonia* Spin. (Anthophoridae, Hymenoptera) cinslerine mensup arılar. Atatürk Univ. Zir. Fak. Derg. 14 (3-4): 35-40.
- Özkol, H. & A.Sefali**, 2009, New data on the biology of *Pieris* (Artogeia) *persis* Verity (Pieridae, Lepidoptera). Cesa News 42: 38-44, 7 figs.
- Özkol, H. & Kayci, L. & S.M.Pinar**, 2009, Notes on the biology of *Zygaena* (*Mesembrynus*) *tamara placida* A.Bang-Haas (Lepidoptera, Zygaenidae). Cesa News 41: 47-50, 5 figs.
- Özkol, H. & L.Kayci**, 2009, Some diurnal Lepidoptera species attracted to the light trap in East Anatolia (Papilionoidea, Zygaenoidea). Cesa News 40: 1-4, 6 figs.
- Özkol, H.**, 2007, Studies on the fauna and ecology of Papilionoidea and Hesperioidea of Gevaş district (Van). Cent. ent. Stud., Priamus (suppl.) 5: 1-55.
- Özkol, H.**, 2009, Van Gölü Havzası Noctuidae, Hadeninae, Cuculliinae, Acronictinae, Bryophilinae ve Heliophilinae faunası ve ekolojisi üzerine araştırmalar (Noctuidae, Lepidoptera). 417s., şekil, harita. Yükseköğretim Kurulu Ulusal Tez Merkezi, 179409[1]pdf <<http://tez2.yok.gov.tr/>> [accessed 15.9.2009].
- Pages, J.**, 1994, Description d'un Lycène nouveau de Turquie: *Agrodiaetus charmeuxi* sp.n. (Lepidoptera, Lycaenidae). Alexanor 18(4): 194-196, 8 figs.
- Pittino, R.**, 2004, New or nothworthy taxa of the genus *Onthophagus* (Subg. *Palaeonthophagus*) from South-estern [sic!] Europe and the Near East (Coleoptera, Scarabaeidae). Fragm. ent. Roma 36 (2): 145-214, figs.
- Poda, N.**, 1761, *Insecta Musei Graecensis*. 139 pp., 2 pls. Graz.
- Rajaei, H. & D.Stüning**, 2012, *Scotopteryx kuznetzovi* (Wardikhan, 1957) (Lepidoptera, Geometridae, Larentiinae), a new species for the fauna of Iran and Turkey. Bonn zool. Bull. 61 (1): 135-139, figs.
- Rakosy, L.**, 1997, Die Noctuiden Rumäniens (Lepidoptera, Noctuidae). 648 pp., 821 Abb., 651 Karte, 30 Taf.
- Razowski, J.**, 1970, Cochyliidae, [in] Amsel, H.E. et al., *Microlepidoptera Palaearctica* 3: xiv + 529 pp., 161 Taf., Wien.
- Razowski, J.**, 1984, Tortricini, [in] Amsel, H.E. et al., *Microlepidoptera Palaearctica* 6: xvi + 376 pp., 101 Taf., Wien.
- Rebel, H.**, 1901, Über eine neue von Herrn Max Korb in Westasien gesammelte Lepidopterenformen. Annln naturh. Mus. Wien 16: 165-169.
- Reh, L.**, 1925, Handbuch der Pflanzenkrankheiten. Vierter Band Tierische Schädlinge an Nutzpflanzen. Erster Teil, Vierte Auflage. 483 S., 218 Abb. Berlin.
- Robinson, G.S. & E.S.Nielsen**, 1983, The Microlepidoptera described by Linnaeus and Clerck. Syst. Ent. 8: 191-242.
- Roesler, R.-U.**, 1973, Trifine *Acrobasiina* (1. Teilband der Phycitinae). [in] Amsel, H.G. et al., *Microlepidoptera Palaearctica* vol.4. Textband, xvi + 752 S., 145 Abb.; Tafelband 137 S., 37 Abb., 38 Farbtaf., 121 SW-Taf., 11 Verbreitungstab. Verlag G. Fromme Co. Wien.
- Roesler, R.-U.**, 1993, Quadrifine *Acrobasiina* Erster Teil (2. Teilband der Phycitinae). [in] Amsel, H.G., *Microlepidoptera Palaearctica* vol.8 (Text & Tafeln). Verlag G.Braun, Karlsruhe.
- Romanoff, N.M.**, 1884-1887, Les Lépidoptères de la Transcaucasie I-III. [in] Romanoff, Mém. lépid. 1: 1-92, Pls.; 2: 1-118, Pls.; 3: 1-49, Pls.
- Rozen, J.G., Özbek, H., Asher, J.S., Claudio, S., Praz, C., Alireza, M. & M.Andreas**, 2010, Nests, petal usage, floral preferences, and immatures of *Osmia* (*Ozbekosmia*) *avosetta* (Megachilidae, Megachilinae, Osmiini), including biological comparisons with other osmiine bees. Am. Mus. Novit. 3680: 1-22, figs.
- Röber, J.**, 1907, 2. Familie Pieridae Weisslinge, [in] Seitz, A., Die Gross-Schmetterlinge der Erde 1: 39-74, Taf.
- Salman, S.**, 1978, Ağrı Kars ve Artvin illerinin Orthoptera (Insecta) faunası üzerine taksonomik araştırmalar. 184 sayfa, şekil, Atatürk Univ. Yay. no.490. Erzurum.
- Sattler, K.**, 1967, Ethmiidae, [in] Amsel, H.G., Gregor, F. H.Reisser (Ed.), *Microlepidoptera Palaearctica* vol. 2 (Text & Tafeln). Verlag Georg Fromme & Co. Wien.
- Schacht, W.**, 1984, Beitrag zu einigen palaearktischen Bremsenarten vornehmlich aus der Türkei (Diptera, Tabanidae). Entomofauna 5 (35): 483-498.
- Schacht, W.**, 1985, Kleiner Beitrag zur Bremsenarten der Türkei (Diptera, Tabanidae). Entomofauna 6 (21): 501-506, 8 Abb.
- Schacht, W.**, 1987, Ein weiterer Beitrag zur Bremsenfauna der Türkei (Diptera, Tabanidae). Entomofauna 8 (33): 485-494, 1 Taf.
- Schmid-Egger, C.**, 2002, Key and new records for the western palaearctic species of *Gorytes* Latreille 1804 with description of a new species (Hymenoptera, Sphecidae, Bembicinae). Linzer biol. Beitr. 34 (1): 167-190, figs.
- Scholz, A.**, 1997, Zwei neue, paläarktische *Alucita*-Arten (Lepidoptera, Alucitidae). Alexanor 20(1): 51-58, 13 figs.



- Schurian, K.G. & C.Häuser**, 1981, Zoogeographie und subspezifische Gliederung der zentral- und ostanatolischen, sowie der iranischen *Meleageria*-Formen (Lepidoptera, Lycaenidae). *Atalanta* 12 (2): 101-111, 4 Abb.
- Schurian, K.G.**, 1989, Revision der *Lysandra*-Gruppe des Genus *Polyommatus* Latr. (Lepidoptera, Lycaenidae). *Neue ent. Nachr.* 24: 1-181, 29 Taf.
- Schurian, K.G.**, 1996, A contribution to the biology of *Brenthis mofidii* (Wyatt, 1968). *Linneana Belgica* 15(8): 311-314, 8 figs.
- Schurian, K.G., Oorschot, H.v. & H.v.d. Brink**, 1992, *Polyommatus* (*Agrodiaetus*) *poseidon* (H.-S.) und *Polyommatus* (*Agrodiaetus*) *theresia* sp. nov. aus der Türkei (Lepidoptera, Lycaenidae). *Nachr. ent. Ver. Apollo* (N.F.) 12 (4): 217-232, Pl.1, Abb.9-10.
- Scopoli, J.A.**, 1763, *Entomologia Carniolica exhibens insecta Carnioliae indigena et distributa in ordines, genera, species, varietates, methodo Linn. xxxvi+420 pp.*, 37 pls., Vindobonae, Trattner.
- Seitz, A.**, 1909, Familie: Syntomidae, [in] Seitz, A., *Die Gross-Schmett. Erde* 2: 37-42, pls., Stuttgart.
- Seitz, A.**, 1910, Familie: Arctiidae, [in] Seitz, A., *Die Gross-Schmett. Erde* 2: 43-108, pls., Stuttgart.
- Seven, S.**, 1997, *Papilio machaon* Linnaeus, 1758 türkiye ilgili bazı nomenklatur sorunları hakkında (Lepidoptera, Papilionidae). *Cent. ent. Stud., Misc. Pap.* 37: 1-3.
- Sheljuzhko, L.**, 1931, Einige Randbemerkungen zum "Supplement" zu den "Gross-Schmetterlingen der Erde" herausgegeben von Dr.A.Seitz. *Papilionidae und Pieridae*. *Int. ent. Z.* 25: 69-74.
- Skala, P.**, 2003, A new species of the genus *Satyrus* Latreille, 1810 from Iran (Lepidoptera, Nymphalidae). *Linneana Belg.* 19 (1): 35-40, figs.
- Skala, P.**, 2003, New taxa of the genus *Hyponephele* Muschamp, 1915 from Iran and Turkey (Lepidoptera, Nymphalidae). *Linneana Belg.* 19 (1): 41-50, figs.
- Staudinger, O.**, 1860, *Pieris krueperi*. Ein neuer europäischer Tagfalter. *Wien. ent. Monatschr.* 4: 19-20.
- Staudinger, O.**, 1878-1881, Lepidopteren-Fauna Kleinasien's. *Horae Soc. ent. ross.* 14: 176-482; 15: 159-435; 16: 65-135.
- Staudinger, O.**, 1900, Neue Lepidopteren des palaearktischen Faunengebiets. *Dt. ent. Z., Iris* 12: 352-403, Taf. [wrong citation by Hausmann (1994: 78) as "palaarktischen Faunengebietes"]
- Stradomsky, B.V.**, 2006, *Polyommatus shchurovi* sp.n. (Lepidoptera, Lycaenidae) from the altitude areas of Western Caucasus. *Caucasian Ent. Bull.* 2 (2): 215-216, figs.
- Strand, E.**, 1910, Familie: Lymantriidae, [in] Seitz, A., *Die Gross-Schmett. Erde* 2: 109-141, pls., Stuttgart.
- Strand, E.**, 1911, Familie: Thaumetopoeidae, [in] Seitz, A., *Die Gross-Schmett. Erde* 2: 143-145, pls., Stuttgart.
- Swainson, W.**, 1827, A sketch of natural affinities of the Lepidoptera Diurna of Latreille. *Phil. Mag. (n.s.)* 1(1): 180-188.
- Şahin, Y.**, 1984, Doğu ve Güney Doğu Anadolu Bölgeleri Akarsu ve Göllerindeki Chironomidae (Diptera) larvalarının teşhisi ve dağılımları. *Anadolu Üniversitesi Yayınları* no 57. 145s., 359 şek.
- Tarmann, G.**, 1977, Neue Funde von *Procris* (Lucasiterna) *horni* Alberti, 1937 (Lepidoptera, Zygaenidae). *Mitt. münch. ent. Ges.* 67: 91-94, 5 Abb.
- Ten Hagen, W. & K.G.Schurian**, 2009, *Polyommatus* (*Aricia*) *crassipunctus varicolor* ssp.n., eine neue Unterart aus Iran (Lepidoptera, Lycaenidae). *Nchr. ent. Ver. Apollo* (N.F.) 30 (1/2): 9-17, figs.
- Ten Hagen, W. & W.Eckweiler**, 2000, Zur Taxonomie von *Lycaena* (*Thersamonia*) *lampon* (Lederer, 1870) und *L. (T.) lamponides* (Staudinger, 1901) stat. nov. (Lepidoptera, Lycaenidae). *Nachr. ent. Ver. Apollo* (N.F.) 21 (2): 49-54, 19 Abb.
- Ten Hagen, W.**, 2008, Taxonomie von *Cupido staudingeri* (Christoph, 1873) in Iran (Lepidoptera, Lycaenidae). *Nachr. ent. Ver. Apollo* (N.F.) 28 (3/4): 165-171, figs.
- Terzo, M. & P.Rasmont**, 1997, *Ceratina zwakhalsi* et *Ceratina verhoeffi*, deux nouvelles especes de la région ouest-paléarctique (Hymenoptera, Apoidea, Xylcopinae). *Tijdschr. Ent.* 140: 221-236, 58 figs. 6 Tab.
- Tezcan, S., Karsavuran, Y., Pehlivan, E., Anlaş, S. & E.Yıldırım**, 2005, Contribution to the knowledge of Vespidae (Hymenoptera, Aculeata) fauna of Turkey. *Türk. ent. Derg.* 29 (2): 101-110.
- Thomas, W.**, 1988, *Callimorpha splendidior* Tams eine eigene Art (Lepidoptera, Arctiidae). *Nachr. ent. Ver. Apollo* (N.F.) 9(3): 177-186, 4 Abb.
- Tokar, Z. & L.Gozmany**, 2004, Review of the palaearctic species of *Dirhinosis* Rebel, 1905 (Lepidoptera, Gelechiidae). *Acta zool. hung.* 50 (1): 63-74, figs.
- Tomov, V.**, 1984, *Cryptocephalinae* and *Galerucinae* from Turkey (Coleoptera, Chrysomelidae). *Fragm. ent. Roma* 17 (2): 373-378.
- Tremewan, W.G.**, 1961, A Catalogue of the types and other specimens in the British Museum (Natural History) of the genus *Zygaena* Fabricius, Lepidoptera: Zygaenidae. *Bull. Brit. Mus. (Nat. Hist.) Ent.* 10 (7): 239-314, Pls. 50-64.
- Varga, Z. & L.Ronkay**, 1991, Taxonomic Studies on the palaearctic Noctuidae (Lepidoptera) I. New taxa from Asia. *Acta zool. hung.* 37(3/4): 263-312, 113 figs. Pls. 1-3.
- Varga, Z. & L.Ronkay**, 2007, On the taxonomy of the genus *Diarsia* Hübner, [1821] 1816 (Lepidoptera, Noctuidae): The Holarctic species group of the genus. *Acta zool. hung.* 53 (Suppl.1): 141-209, figs.
- Varga, Z.**, 1975, Eine Noctuiden-Ausbeute aus Ost-Anatolien (Lep.). *Ent. Z., Frankf. a. M.* 85: 172-174.
- Varga, Z.**, 1989, Zweiter Beitrag zur Kenntnis der Gattung *Xenophysa* Boursin, 1969 (Lepidoptera, Noctuidae), mit der Beschreibung fünf neuer Arten. *Z. ArbGem. öst. Ent.* 41 (1/2): 1-18, figs.
- Varga, Z.**, 1996, New species and subspecies of *Dichagyris*, *Chersotis* and *Rhyacia* (Lepidoptera, Noctuidae) from Central Asia. *Acta zool. hung.* 42 (3): 195-230, figs.
- Vujic, A., Marcos-Garcia, M.A., Sarıbiyık, S. & A.Ricarte**, 2011, New data on the *Merodon* Meigen, 1803 fauna (Diptera, Syrphidae) of Turkey including description of a new species and changes in the nomenclatural status of several taxa. *Annls Soc. ent. Fr. (n.s.)* 47 (1/2): 78-88, figs.
- Wagener, S. & F.J.Gross**, 1976, Eine neue Unterart von *Melitaea arduinna* aus Ostanatolien (Lep., Nymphalidae). *Ent. Z., Frankf. a. M.* 86 (20): 229-232, 1 Abb.
- Wagener, S.**, 1975, 4. Beitrag. Die vorderasiatischen Formen der *Melanargia russiae* (Esper, 1784), [in] Ebert, G. et al., Beiträge zur Kenntnis der Rhopaloceren Irans. *J. ent. Soc. Iran, Suppl.* 1: 47-62, figs.
- Warncke, K.**, 1982, Die Holzbienen des Vorderen Orients (Hym., Apidae). *Linzer biol. Beitr.* 14 (1): 23-37.

- Warncke, K.**, 1983, Über die einzige Allodape-Art in der Westpaläarktis, einem Vertreter einer sonst rein tropischen Bienengattung (Hymenoptera, Apidae). NachrBl. bayer. Ent. 32: 77-80, Abb.
- Warncke, K.**, 1988, Die Bienengattung *Osmia* Panzer, 1806, ihre Systematik in der Westpaläarktis und ihre Verbreitung in der Türkei, 2. und 3. Die Untergattungen *Tergosmia* und *Exosmia*. Entomofauna 9 (20): 389-403, 21 figs.
- Warncke, K.**, 1991, Die Bienengattung *Osmia* Panzer 1806, ihre Systematik in der Westpaläarktis und ihre Verbreitung in der Türkei 10. Die Untergattung *Alidamea* Cress. Linzer biol. Beitr. 23 (2): 701-751, 46 Abb.
- Warncke, K.**, 1991, Die Bienengattung *Osmia* Panzer, 1806, ihre Systematik in der Westpaläarktis und ihre Verbreitung in der Türkei. 5. Die Untergattung *Pentadentostmia* subgen. nov. Entomofauna 12 (2): 13-28, figs.
- Warncke, K.**, 1992, 2. Beitrag zur Systematik und Verbreitung der Bienengattung *Prosopis* F. in der Westpaläarktis (Hym., Apidae). Linzer biol. Beitr. 24 (2): 747-801, figs.
- Warncke, K.**, 1992, Die westpaläarktischen Arten der Bienengattung *Sphecodes* Latr. (Hymenoptera, Apidae, Halictinae). Ber. Naturf. Ges. Augsburg 52: 9-64, figs. maps.
- Warren, B.C.S.**, 1926, Monograph of the tribe Hesperii (European species) with revised classification of the subfamily Hesperinae (Palearctic species) based on the genital armatures of the males. Trans. ent. Soc. Lond. 74: 1-170, Pls.
- Warren, B.C.S.**, 1944, Review of the classification of the Argynni: with a systematic revision of the genus *Boloria*. Trans. R. ent. Soc. Lond. 94: 1-101, Pls.
- Warren, W.**, 1909-1913, Familia Noctuidae, [in] Seitz, A., Die Gross-Schmett. Erde 3: pp. 9-444, Taf., Stuttgart.
- Wehrli, E.**, 1936, Einige neue Arten und Rassen aus den Ausbeuten des Herrn Ernst Pfeiffer, München. Mitt. münch. ent. Ges. 26: 33-37, Taf. ii.
- Wehrli, E.**, 1936, Nouvelles especes et races de Geometridae provenant des monts Elburs, du Caucase et de l'Asie Mineure. Amat. Papillons 1936: 151-155.
- Weidenhoffer, Z. & J. Klir**, 2000, A new species of *Plebejus* Kluk, 1780 from Iran (Lepidoptera, Lycaenidae). Linneana Belg. 17 (7): 289-292, figs.
- Weise, J.**, 1898, Über neue und bekannte Chrysomeliden. Ark. Naturg. 64 (1/2): 177-224.
- Weiss, D. & P. Skala**, 2000, A new subspecies of *Hyponephele* Muschamp, 1915 from western Turkey (Lepidoptera, Satyridae). Atalanta 31 (1/2): 129-133, pls. viii-ix.
- Wiemers, M.**, 2003, Chromosome differentiation and the radiation of the butterfly subgenus *Agrodiaetus* (Lepidoptera, Lycaenidae, Polyommatus) - a molecular phylogenetic approach. Dissertation. Bonn.
- Willmann, R.**, 1974, *Panorpa tatvana* n.sp. (Mecoptera). Ent. Mitt. Zool. Mus. Hamburg 4: 465-469, fig.
- Woznica, A.J. & A.Ö. Koçak**, 2009, New records of Turkish Heleomyzid flies (Diptera, Heleomyzidae). Dipteron 25: 77-81, 1 fig.
- Wyatt, C.W.**, 1968, Eine neue Rasse von *Brenthis hecate* W.V. aus Iran. Z. wien. ent. Ges. 53: 29-30, 4 figs.
- Yen, S.-H. & J. Minet**, 2007, Cimeliioidea: A new superfamily name for the Gold Moths (Lepidoptera, Glossata). Zoological Studies 46 (3): 262-271, figs.
- Yıldırım, E., Çalmaşur, Ö. & M. Madl**, 2002, Leucospidae of Turkey (Hymenoptera, Chalcidoidea). Linzer biol. Beitr. 34 (2): 1185-1189.
- Zeegers, T.**, 2005, Taxonomy and distribution of the horsefly-genus *Theriopectes* Zeller (Diptera, Tabanidae). Stud. dipterol. 12: 337-355, figs.
- Zeller, P.C.**, 1841, Vorläufer einer vollständigen Naturgeschichte der Pterophoriden. Isis 1841: 755-795, 827-893.
- Zeller, P.C.**, 1844, Monographie des Genus *Hyponomeuta*. Isis 1844 (3): 198-238, 2 Pls.
- Zeller, P.C.**, 1851, Drei Schabengattungen: *Incurvaria*, *Micropteryx* und *Nemophora*. Linn. Ent. 5: 301-362.
- Zeller, P.C.**, 1854, Die Depressarien und einige ihnen nahe stehenden Gattungen. Linn. Ent. 9: 189-403, Tab. 2.
- Zimmermann, V.S.**, 1973, Ergebnisse zoologischer Sammelreisen in der Türkei Gattung *Trichodes* Herbst (Cleridae, Coleoptera). Annln naturhn. Mus. Wien 77: 409-419.

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